

Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas - Also Maryland, New Jersey and Delaware

VOL 22 No. 29

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Crop data required by ASCS

WASHINGTON, D.C. - Anticipating changes in farm legislation, the Agricultural Stabilization and Conservation Service (ASCS) will require farmers to report their 1977 wheat, barley, corn, sorghum and tobacco acreage.

Both congressional agriculture Committees have reported on farm bills which provide that if a set-aside is implemented for 1978 crops, the acreage required to be set-aside may be based on a percentage of the acreage planted for harvest in 1977. Neither

[Continued on Page 36]

KMMC serves dairymen

By JOANNE SPAHR
HARRISBURG, Pa.

According to statistics from Harrisburg, nearly three-quarters of all the milk produced in Pennsylvania for fluid use is consumed within the state. Based on total population and per capita consumption of 134 pounds of fluid milk products, Pennsylvanians consume 3,357, - 200,000 pounds of milk annually. Realizing this fact, a group of individuals coming from all phases of the dairy industry, banded together to form the Keystone Milk Marketing Council, Inc., to help Pennsylvania maintain a viable milk industry within the state.

Incorporated in the Spring
[Continued on Page 20]

Ice cream standards questioned

By DIETER KRIEG

LANCASTER - New ice cream standards being proposed by the Food and Drug Administration are designed to give manufacturers a little more flexibility with ingredients and price ranges, but some dairy groups feel it'll put them in a bind. The issue has created somewhat of a controversy and a hearing on the matter may have to be called as a result of it. The federal people have until June 13 to decide whether or not a hearing will be held.

Heading the fight on behalf of Pennsylvania's dairy industry is Agriculture Secretary Kent Shelhamer,

[Continued on Page 19]



Twila Brubaker



Linda Kauffman



Sue Skiles



Linda Wood



Ellen Schmuck

Lancaster Co. girls vie for princess dream

By SALLY BAIR

LANCASTER, Pa. - Ten young dairy enthusiasts will vie for the title of Lancaster County Dairy Princess at the county contest to be held June 18 at 6:30 p.m. at the Farm and Home Center, Lancaster.

The evening will begin with a reception on the patio, with dinner following at 7 p.m. The 10 contestants will be providing musical entertainment, and will be interviewed on stage before the final selection is made. Judges will meet with the girls earlier in the day for individual interviews.

The 1977 winner will be

crowned by the 1976 Lancaster County Dairy Princess, Debra Kreider, daughter of Mr. and Mrs. Richard Kreider, Manheim R 5. Two alternates will be named.

Contestants will get some first-hand experience at meeting the public when they participate with Deb Kreider at a dairy promotion at Park City Mall on Saturday, June 4 from 1 - 4 p.m. Mrs. Fred Crider, who is co-chairman of the county milk promotion program with her husband, estimates that the 10 contestants will hand out nearly 1500 glasses

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In this Dairy Issue

Once again, Lancaster Farming salutes the area's dairy industry. Within these 160 pages you'll find news on herd health, breeding, feeding, and much more. There are features on dairy farm families, milk processing plants, youths, and adults. There's even a special page for the children - puzzles, something to color, and more fun. You'll find features, news, and other information pertinent to today's dairy industry throughout Lancaster Farming's 1977 Dairy Issue.

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Embryo transplants tried in Pennsylvania

By DIETER KRIEG

KENNETT SQUARE, Pa. - Veterinarians at the New Bolton Veterinary Medical Center, near here, are helping to perfect a method of reproduction which could allow a top cow to have as many as a dozen or even three dozen calves per year. Known as "embryo transfer," it's a theoretically simple process involving a donor cow and one or more recipient cows which serve as "incubators" or foster mothers. The research was made possible by a grant from Atlantic Breeders Cooperative, funds from the Pennsylvania Department of Agriculture, and the cooperation of the Pennsylvania Holstein Association.

Essentially, the procedure involves bringing the donor

[Continued from Page 24]

Chocolate firm is surprising milk user

By LAUREL SCHAEFFER
Berks County Reporter

HERSHEY, Pa. - Almost everyone in this region knows of Hershey Foods and their very popular product, but not many people see this fascinating manufacturer of "the Great American Chocolate Bar" with its beautiful gardens, park, and amusements, as an important segment of our area's dairy industry.

Stop and think of what MILK chocolate is made from. Cocoa beans, sugar and MILK. So much milk that Hershey has over 1000 dairy farms within a 10 county area shipping their milk regularly to this immense manufacturer. Lancaster County alone has approximately 265 shippers.

Not all of this milk goes into making chocolate, however. Some milk, that which is not processed at the

[Continued on Page 28]



Linda Coates



Margo Armstrong



Vickie Warfel



Sheryl Bollinger



Martha Gregory

Dry spell threatening Pa. crops

LANCASTER - Lack of rain in Pennsylvania and adjacent states is beginning to worry farmers and other agricultural specialists. Agriculture Secretary Kent Shelhamer sees the situation as approaching the critical stage, although no specific area has reached that point yet. For some commodities, however, the hot and dry weather has been damaging.

Farmers in the southeastern and southcentral Pennsylvania region appear to be hit the hardest, according to reports received at the Pennsylvania Department of Agriculture.

[Continued on Page 31]

Peggy Staub to work for Dept. of Ag

By JOANNE SPAHR

NEWVILLE, Pa. - Peggy Staub, Newville, began her Summer job last Tuesday, just like many other college students on Summer break. But, unlike many 19-year-old females, she won't be punching the cash register or waiting on hungry travelers. Instead, for five days a week, she will be providing a service to every dairy farmer in the state of Pennsylvania.

That's a pretty big order for a college junior-to-be, but Peggy will handle the work load just as she has been doing for the past 3/4 of a

[Continued on Page 25]

Solanco dairy teams rate high

By SUSAN KAUFFMAN
QUARRYVILLE, Pa.

This Spring the Solanco dairy judging team captured first place at the Penn State Dairy Exposition as they have done for five of the seven years of the club's existence.

The record of the club's performance includes 1971, '72 and '73 first place teams at the Penn State Exposition, first and second place teams and second highest individual in 1974, and high Holstein and Ayreshire judges in 1975. The high Ayreshire judge, Joe Winters, went on to Columbia, Ohio, to capture the high individual score in the North-American

[Continued on Page 16]

Livestock market and auction news

Lancaster Market

No report due to holiday.

Cattle records made

LANCASTER - Cattle were brought to Lancaster County auctions in record numbers this week, partially because of the three-day Memorial holiday. By Thursday, five consecutive auctions had been held within ten days, each marketing more than 1400 head of cattle.

The New Holland Sales Stables posted a run of 1541 head on Thursday, compared to 1472 head the week before. Vintage set an all-time record on Tuesday with 1544 head crossing the scales. Lancaster Stockyards, which set a numbers record just two weeks ago, broke that milestone by auctioning off 1840 head.

Peoria Auction

Peoria, Ill.
June 2, 1977

CATTLE: Receipts this week: 5000 Last Week: 5100 Year ago: 5000

Compared with last week's close, slaughter steers steady to 50 lower. Slaughter Heifers 50-1.00 lower. Cows and Bulls mostly steady. Receipts about 65 per cent slaughter steers, 30 per cent slaughter heifers, balance mainly cows.

SLAUGHTER STEERS: Choice and Prime 3-4 1150-1275 lbs. 39.50-41.00, late 39.50-40.50; Choice 2-4 950-1250 lbs. 39.50-41.00, mostly 40.00-40.50, Load Tuesday 41.50; Mixed Good and Choice 2-4 900-1300 lbs. 38.50-39.50; Good 2-3 37.00-38.50.

SLAUGHTER HEIFERS: Choice and Prime 3-4 900-1075 lbs. 39.00-40.00, late 39.00-39.25; Couple lots 40.00-40.25; YG 4-5 36.50-37.50; Choice 2-4 850-1050 lbs. 38.00-39.00; Mixed Good and choice 800-1100 lbs. 36.50-38.00 Good 2-3 34.50-36.50.

Vintage Market

Tuesday, May 31, 1977

Cattle Calves Sheep
Today 1544 450 75
Last Tuesday 1114 524 71
Last Year 1356 520 76

CATTLE: The largest receipts in history of Vintage Sales, previous high 1511 on June 27, 1972. Compared to last Tuesday slaughter steers 50-75 lower; slaughter heifers 25-50 higher; cows mostly steady; bullocks steady; bulls mostly steady. Supply included 76 per cent slaughter steers and 16 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1100-1350 lb. 40.60-42.00, couple lots Prime 4-5 1350-1425 lb. 37.10-38.00; Choice mainly 2 1050-1300 lb. 41.75-42.50, few head 42.50-43.10; Choice 2-4 1000-1425 lb. 39.50-41.75, mainly 40.00-41.25; few Choice 4 1150-1425 lb. 38.50-39.75; high Good and low Choice 2-4 37.75-39.85; Good 2-3 34.00-39.00; Standard 1-2 32.00-34.00.

SLAUGHTER HEIFERS: Choice 2-3 925-1125 lb. 38.75-40.10, one lot 1060 lb. 42.00; Good 2-3 750-900 lb. 31.75-34.50.

COWS: Utility and Commercial 1-3 27.50-29.25, few 29.25-30.25; Cutter 1-2 25.50-28.25; Canner and low Cutter 23.00-25.50.

BULLOCKS: Good and Choice 1000-1250 lb. 34.75-37.75.

BULLS: Yield grade 1 1100-1650 lb. 33.75-36.75; yield grade 2 1000-1350 lb. 32.00-35.00.

VEAL CALVES: Vealers slow, Good and Choice 1.00-3.00 lower; standard and Good 70-110 lb. mostly steady. Supply included 334 in graded sale of which 44 per cent sold to return to farm.

VEALERS: Choice 56.00-63.00; high Good and low Choice 50.00-56.00; Good 42.00-48.00; Standard and Good 90-115 lb. 32.00-42.00; Standard 70-90 lb. 26.00-32.00, few 60-80 lb. 21.50-26.00.

RETURNED TO FARM:

Lancaster Auction

Cattle Calves Hogs Sheep

Today 1775 144 947 95
Last Wednesday 1415 74 831 28
Last Year 1565 138 1037 39

Wednesday's Auction 1841 159 977 98
Last Wednesday's Auction 1432 86 828 52

CATTLE: The largest receipts in the history of Lancaster Livestock Auction. Compared to last Wednesday slaughter steers weak to 1.00 lower with Choice and Prime mainly 50-1.00 lower; slaughter heifers steady; cows uneven, Utility steady, instances 50 higher, Canner and Cutter steady to weak; bullocks steady to weak; bulls mostly steady. Slaughter steers accounted for 82 per cent of supply of which 264 were in the Show and Sale.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1375 lb. 40.50-41.25, few 41.25-41.60; Choice mainly 2 1100-1400 lb. 40.75-41.60, one lot 41.85; Choice 2-4 1000-1350 lb. 39.35-40.85, mainly 39.75-40.50; high Good and low Choice 2-3 38.25-40.00, Good 2-3 34.00-38.00; Standard 1-2 31.75-34.25.

SHOW AND SALE: (All steers sold in lots of six.) One lot Choice and Prime 3 1150 lb. 44.25; one lot Prime 3-4 1235 lb. 43.35; high Choice and Prime 3-4 1120-1250 lb. 41.25-42.60; Choice mainly 2 1135-1325 lb. 41.25-41.85; Choice 2-4 1050-1320 lb. 40.25-41.75; mixed Good and Choice 2-3 985-1200 lb. 39.00-40.50; Good and Choice 1200-1400 lb. Holsteins 35.35-36.85.

90 head Standard and Good Holstein bulls 100-115 lb. 43.50-47.50, one 22 head lot 100-105 lb. 40.00; 35 head 90-105 lb. Standard and Good Holstein heifers 38.50-40.50.

SHEEP: Small supply spring lambs 5.00-10.00 lower.

SPRING LAMBS: Good 35-90 lb. 40.00-44.00, few Choice 55-85 lb. 44.00-50.00.

New Holland

Thursday, June 2, 1977

Cattle Calves Sheep
Today 1541 534 35
Last Thursday 1472 547 70
Last Year 1635 438 29

CATTLE: Compared to last Thursday slaughter steers 50-1.00 lower; cows 50-1.00 higher, instances 1.25 higher on Canner and Cutter; bullocks steady; bulls steady to weak.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1375 lb. 40.25-41.50; Choice mainly 2 1050-1300 lb. 40.75-41.50, few 41.50-42.50 with five head 43.00-43.75; Choice 2-4 950-1350 lb. 39.25-41.00; high Good and low Choice 2-3 37.50-40.00; Good 2-3 35.00-38.50; Standard 1-2 31.00-34.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1000 lb. 37.75-

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 37.50-39.75; Good 2-3 775-1000 lb. 34.50-37.50.

COWS: Utility and Commercial 1-3 27.00-28.50, few Utility 28.50-29.35; few early sales Commercial 3-4 25.50-27.00; Cutter 1-2 24.75-26.50, few 26.50-27.50; Canner and low Cutter 22.75-24.50.

BULLOCKS: Choice 1000-1275 lb. 35.25-38.85; Good 1000-1250 lb. 32.25-36.50.

BULLS: Yield Grade 1 1100-1800 lb. 34.75-37.50, couple 38.10-38.60; Yield Grade 2 1000-1350 lb. 32.00-35.50; load 1400-1750 lb. Yield Grade 3 30.25-34.75.

FEEDER STEERS: Around 85 head Choice 820-1040 lb. with Good to low Choice slaughter finish 37.85-39.50.

VEAL CALVES: Vealers mostly steady.

VEALERS: Prime 68.00-75.00; Choice 55.00-65.00; high Good and low Choice 48.00-55.00; Good 42.00-48.00; Standard and Good 80-110 lb. 35.00-44.00.

SHEEP: Spring lambs 5.00-8.00 lower.

SPRING LAMBS: Choice 60-90 lb. 48.00-52.00; Good 60-85 lb. 38.00-46.00.

Lancaster Weekly

Friday, June 3, 1977

Cattle Calves
This Week 5700 1150
Last Week 6184 1297
Last Year 5054 1099

CATTLE: Slaughter steers weak to 1.00 lower with most sales 50-1.00 lower; slaughter heifers fully steady, instances 50 higher; cows steady to 50 higher, instances 1.00 higher; bullocks steady; bulls steady to weak. Supply included 66

38.50, one lot 965 lb. 3-4 36.85; Good 2-3 750-950 lb. 33.00-38.50.

COWS: Utility and Commercial 1-3 28.00-30.00, few 30.00-31.00 with couple 31.50-32.00; Cutter 1-2 26.75-28.50, few 28.50-30.00; Canner and low Cutter 24.25-26.25.

BULLOCKS: Choice 1000-1275 lb. 35.50-38.35; Good 1000-1250 lb. 32.50-35.00.

BULLS: Yield grade 1 1100-1800 lb. 35.00-36.75, couple 36.75-37.50; yield grade 2 1000-1350 lb. 32.50-34.75.

VEAL CALVES: Vealers fully steady, instances 2.00 higher on Choice and Prime.

VEALERS: Prime 70.00-74.00; Choice 57.00-69.00; high Good and low Choice 49.00-57.00; Good 41.00-50.00; Standard and Good 90-110 lb. 29.00-38.00, few Standard 65-90 lb. 22.00-31.00.

RETURNED TO FARM: Bulk 90-110 lb. Standard and Good holstein bulls 42.00-49.00, few 39.00-42.00.

SHEEP: One lot Choice spring lambs 5.00 lower; slaughter ewes fully steady.

SPRING LAMBS: One lot Choice 87 lb. 53.00.

SLAUGHTER EWES: Utility and Good 16.00-20.00.

per cent slaughter steers, 12 per cent cows, 4 per cent heifers and 4 per cent bulls

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1375 lb. 40.50-41.50, few early part of week to 42.00; Choice mainly 2 1050-1350 lb. 40.75-42.00, few 42.00-43.25; Choice 2-4 950-1375 lb. 39.25-41.25, mainly 39.75-40.75; high Good and low Choice 2-3 37.50-40.00; Good 2-3 34.00-39.00; Standard and low Good 1-2 31.00-34.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1125 lb. 37.50-40.10, one lot 1060 lb. 42.00; Good 2-3 750-1000 lb. 33.00-37.50, few 700-750 lb. 31.50-34.00.

COWS: Utility and Commercial 1-3 27.50-30.00, few 30.00-31.00; Cutter 1-2 25.75-28.50, few late 28.50-30.00; Canner and low Cutter 22.75-26.00.

BULLOCKS: Choice 1000-1300 lb. 35.25-38.85; Good 1000-1250 lb. 32.25-36.00.

BULLS: Yield grade 1 1100-1800 lb. 34.75-37.50, few 37.50-38.60; yield grade 2 1000-1350 lb. 32.00-35.50, load yield grade 3 1400-1750 lb. 30.25-34.75.

VEAL CALVES: Vealers mostly steady with last weeks close, although Choice and Prime firm to 2.00 higher.

VEALERS: Prime 68.00-75.00; Choice 55.00-67.00; high good and low Choice 48.00-57.00; Good 42.00-50.00; Standard and Good 90-110 lb. 29.00-42.00; Standard 65-95 lb. 22.00-32.00.

RETURNED TO FARM: Bulk 90-110 lb. Holstein bulls 42.00-49.00, few 39.00-42.00; 35 head Standard and Good 90-105 lb. Holstein heifers 38.50-40.50.

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MONDAY'S ACTION:

8:00 A.M. - Fat Hogs.
10:00 A.M. - Horse Sale
11:00 A.M. - Hay Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S ACTION:

12:00 Noon - Hay Straw & Ear Corn
12:30 P.M. - Dairy Sale
1:00 P.M. - Feeder Pig Sale

THURSDAY'S ACTION:

11:00 A.M. - Beef Sale
Order of Sale: Bulls, Fat Steers, Cows, Veal
6:30 P.M. - Calf Sale

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Abram W. Dittenbach, Manager

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LANCASTER STOCKYARDS WEEKLY SALES

Slaughter Sales - Mon. & Wed. 11:00 A.M.

Vealers, Lambs, Hogs-Mon. & Wed. 11:00 A.M.

Stocker & Feeder Sale - Friday 12 Noon

Hogs Sold Sat. - Private Treaty 7-12 Noon

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Hog Markets

Lancaster Market

No report due to holiday.

Lancaster Auction

Wednesday, June 1
HOGS: Barrows and gilts 50-1.00 lower.
BARROWS AND GILTS:
US 1-2 200-240 lb. 44.75-45.35;
US 1 200-240 lb. 45.50-46.00;
US 2-3 200-250 lb. 43.75-44.50;
Few 255-265 lb. 42.50-43.50.

Vintage

Saturday, May 28
342 head. No. 1 205-243 pounds-43.75-44.60; No. 2 and 3 200-255 pounds-42.00-43.85; sows 325-595 pounds-32.00-34.00; boars 185-640 pounds-27.00-30.00; heavyweights from 290 pounds-37.25; lightweights 155-175 pounds-33.75-36.75.

Wednesday, June 1
530 head. No. 1 195-235 pounds-45.00-46.25; No. 2 and 3 190-250 pounds-43.00-45.25; sows 300-590 pounds-31.00-35.25; boars 175-330 pounds-27.50-30.25; heavyweights 260-370 pounds-31.10-42.00; lightweights 120-175 pounds-32.00-38.00.

St. Louis

Thursday, June 2
BARROWS & GILTS: trading moderate, 25-50 lower. US 1-2 200-240 lb. 43.25, 60 head 43.50; US 1-3 200-250 lb. 43.00-43.25.
SOWS: Steady to 50 lower. US 1-3 300-550 lb. 38.00-38.75.

Peoria Auction

Thursday, June 2
BARROWS & GILTS: slow, weak to 25 lower. US 1-2 200-230 lb. 43.50-43.75, about 140 head 44.00; US 1-3 200-240 lb. 43.00-43.50.
SOWS: Steady to 50 lower. US 1-3 350-500 lb. 38.00-38.50.

New Holland Feeder Pig

New Holland Sales Stables
Wednesday, June 1
Reported receipts of 1197 head.
No. 1-2 34-41 lbs. 93.00-107.00, 42-54 lbs. 80.00-101.00, 53-64 lbs. 82.00-84.50; No. 2-3 31-39 lbs. 78.00-91.00, 40-65 lbs. 70.50-93.00; No. 3 28-37 lbs. 66.00-73.00, 41-54 lbs. 57.00-78.00; Utility 25-55 lbs. 36.00-44.00.

Indianapolis

Thursday, June 2
BARROWS & GILTS: Trading slow, 25 to mostly 50 lower.
US 1-2 200-230 lb. 43.50-43.75; US 1-3 200-240 lb. 43.00-43.50.
SOWS: Moderately active, weak to 50 lower. US 1-3 300-450 lb. 37.00-38.00.

New Holland

1145 head.
Retail 45.00-46.00
heavyweight 38.50-43.50, lightweight 38.00-43.50, wholesale 44.00-45.00, sows 30.00-36.00, boars 28.00-36.50.

Lancaster Grain Prices

Friday, June 3

These prices are made up of the average prices quoted by a number of participating area feed and grain concerns. It should be noted, however, that not every dealer or broker handles each commodity. All prices are per bushel except ear corn and soybean meal which are per ton.

The average prices quoted Friday, June 3 are as follows:

	Bid	Offered
Ear Corn	56.00	66.00
Shelled Corn	2.52	2.68
Barley	2.25	2.40

	Local	Western
Oats	1.62	1.81
Wheat	2.45	2.77

Soybeans 9.30
Soybean Meal 336.00

The wheat price ranged from \$2.35 to \$2.75 per bushel this week.

+Bid is the price the dealer will buy from the farmer delivered to the mill. Sell is the price the dealer will sell for at his mill.

Futures Trading

(Closing Bids as of Thursday, June 2)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
June	41.85	45.25		42.60
July		46.35		46.95
Aug.	42.70	43.30		
Sept.				56.60
Oct.	41.80	37.75		
Nov.			5.21	58.00
Dec.	42.75	38.15		58.50
March			6.17	
April			6.88	
May			7.98	

Trend - Cattle are higher, Hogs are higher, Potatoes are higher, and eggs are mixed.

Market Provided by Commodity Department
Reynolds Securities, Inc.

CHICAGO GRAIN FUTURES

(Closing Bids as of Thursday, June 2)

	Wheat	Corn	Soybeans	Soybean Meal
July	2.43¾	2.48¾	9.44	260.30
Aug.			9.33½	259.50
Sept.	2.51	2.50¾	8.22½	231.00
Oct.				208.30
Nov.			7.68¾	
Dec.	2.62¾	2.53¾		200.30
March	2.70¾	2.61¾	7.70¾	

Trend - Corn is lower, Wheat is lower, Soybeans are lower and Soybean Meal is lower.

Market Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	HOGS	SHEEP
First Four Days	438,000	829,000	71,000
Same Last Week	565,000	999,000	93,000
Same Last Year	472,000	788,000	74,000



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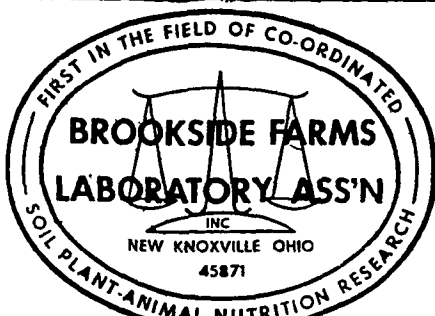
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Poultry Market Reports

Weekly New York Egg Market

From Tuesday, May 31 to Friday, June 3					
	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
ExLarge	H	57	55	55	57
Large	O	52	50	50	52
Mediums	L	43	41	41	43
Pullets	I	34	32	32	34
Peewees	D	22	20	20	22
BROWN					
Large	Y	58	58	58	58
Mediums	Unquoted				
Peewees	Unquoted				
OFF GRADE					
Large		45	43	43	45
Checks		33	31	31	33

Tone - Supplies ample; sales slightly improved, undertone cautious.

New England Weekly Shell Egg Report

Tuesday, May 31, 1977				
Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:				
	EX LARGE	LARGE	MEDIUM	SMALL
MASS (+)	66-72	64-71	51-64	38-45
Mostly	67-70	65-69	53-55	40-43
NEW HAMP.	56-66	54-66	44-51	31-38
Mostly	60-61	58-59	48-49	35-36
R.I.	70-71	68-69	56-57	42-43
VERMONT	68-80	66-78	53-70	-
Mostly	70-75	68-73	55-60	-
MAINE	68-70	66-68	53-55	40-42

(+) INCLUDES CENTRAL & WESTERN SECTIONS ONLY.

NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Wed.	Fri.
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	40	38
Class 2 - Large	45 lbs.	37	35
Class 3 - Medium	42 lbs.	31	30
Class 4 - Small	39 lbs.	25	23
Breaking Stock	48 lbs.	37	37
Checks	48 lbs.	33	33

Baltimore Eggs

Wednesday, June 1, 1977
Market unsettled.
Demand only fair. Supplies ample.
Cartoned eggs: Prices to retailers, state graded (min one case sale) white.
Grade A Large 56-59
Grade A Medium 46-50

Lancaster Farming

P.O. Box 266 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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For Address Change form or new subscription see Classified Section.

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PACMA-FACTS

Sales 10 to 10½, mostly 10.

Delmarva Poultry

Wednesday, June 1, 1977
Demand continues good and prices are trending higher in most instances. Prices paid for plant grade trucklots range 43-45 cents, mostly 44 cents for Thursday and Friday deliveries. Prices for next week's deliveries are undetermined but most processors are asking 44 cents on plant grade and 45 cents on U.S. Grade A. Live Supplies fully adequate. Most plants are operating on an overtime basis. Current broiler-fryer negotiated prices for immediate delivery, mostly multiple drop shipments to New York City from Delmarva.
Range: U.S. Grade A 43-45; Plant Grade 42-44; Premium (X) U.S. Grade A 50; Plant Grade 48.
Wtd. Avg. U.S. Grade A 43.73; Plant Grade 43.04; Premium (X) 50.00; Plant Grade 48.00.
(X) Includes special services, selected competitive brands, etc.

Eastern Pa. & N.J. Poultry

Wednesday, June 1, 1977
Trading light although movement fairly heavy on previous commitments. Offerings are more available as egg market weakens.
Prices Paid at Farm: Light type hens 9-9½, Heavy type hens 15½-16.

Stahl appointed

WASHINGTON, D.C. - Sheldon W. Stahl, vice president and senior economist with the Federal Reserve Bank of Kansas City, has been appointed as the Farm Credit Administration's deputy governor, Office of Finance and Research, according to an announcement today by FCA Governor Donald E. Wilkinson.

Stahl, who will assume his new duties August 1, will be responsible for monitoring, coordinating and supervising the financing programs of the nationwide Farm Credit System and supervising a research staff which conducts studies on both money-gathering and money-lending functions.

The Farm Credit Administration, an independent Federal agency, supervises the member-owned lending units of the Farm Credit System which has more than \$35 billion in loans outstanding to farmers and farmer cooperatives.

Hay Markets

Harvey Z. Martin

Wednesday, June 1, 1977
46 Loads

Alfalfa old 74 to 93; Alfalfa new and Alfalfa Mixed 77 to 95; Orchard Grass new 51; Clover 1 load 69; Timothy 43 to 64; Mixed Hay 64 to 89; Straw 65 to 82; Corn Fodder 2 load 52 and 53; Ear Corn 68.50 to 77; Shelled Corn 1 load 2.40 per bu. Oats 1 load 2.02½ per bu.

Danville Auction

Danville, Pa.
May 30, 1977

STEERS: - Good to Choice 36.00-38.60; Standard to Good 32.00-35.50

HEIFERS: - Good to Choice 32.00-34.75

BULLS: 32.00-35.50

COWS: - High Choice to Prime 27.50-29.00; Good to Standard 25.00-27.60

CALVES: - Good to Choice 41.00-51.00; Standard to Good 25.00-40.00

HOGS: 43.00-45.10

SOWS: 25.00-35.00

BOARS: 24.00-32.25

Philadelphia Eggs

Wednesday, June 1, 1977
Market undertone lacks confidence. Demand is just fair with supplies of large and mediums ample. Extra large are adequate.

Prices to retailers: sales to volume buyers, consumer grade white eggs in cartons delivered: Store Door: A Extra Large 52-58; A Large 50-52; A Medium 41-43.

Regional Hay

May 31, 1977

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton.)

New crop hay now on the market with prices steady to strong. Old crop hay slow, steady to weak. Straw steady.

Old Crop Alfalfa 65.00-75.00, New Crop 45.00-60.00

Old Crop Mixed Hay 55.00-60.00, New Crop 45.00-60.00

Old Crop Timothy Hay 50.00-55.00

Straw 50.00-55.00, few to 65.00
Mulch 25.00-30.00.

New Holland Hay

Monday, May 30, 1977
Total Loads 35

Hay and Straw sold mostly \$5. to \$8. per ton higher than last Monday. Ear corn fully steady. All prices quoted by the ton delivered to the farm.

Alfalfa 72 to 94, few better
Alfalfa and Alfalfa mixed 80-90; Alfalfa mixed 70 to 80; Clover Mixed 60 to 70; top load 93; Timothy 49 to 71; Straw mostly 70 to 80, 1 load 87, low load 55; Ear Corn mostly 72 to 75, top load 78, 1 load with mold 50.

Green Dragon

May 27, 1977

32 loads hay & 20 loads straw.

Alfalfa, few 45.00-72.00, Timothy few 48.00-62.00, Mixed hay 47.00-63.00, some down to 38.00, Orchard Grass hay, 2 loads 38.00 and 41.00, Straw 59.00-72.00, one 82.00, Corn, 7 loads 71.00-82.00.

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Livestock market and auction news

Pa. Auction Summary

May 27, 1977

CATTLE 9360. Compared with 7894 head last week, and 7045 head a year ago. Compared with last week's market, slaughter steers steady to 50 cents lower. Slaughter heifers steady to 25 cents higher. Slaughter cows \$1.50 to \$2 lower. Slaughter bulls and bullocks \$1 to \$2 lower. Feeder cattle \$1 to \$2 higher. **STEERS:** High Choice & Prime 40.50-42.35, Choice 39.00-42.75, Good 34.50-39.50, Standard 32.00-36.00, few Utility 28.00-32.00. **HEIFERS:** Few Choice 35.35-40.00, Good 33.00-37.75, few Standard 29.00-33.50, few Utility 25.25-28.50. **COWS:** Utility and High Dressing Cutter 26.25-30.25, Cutters 25.00-28.50, Canners 22.00-26.00, Shells down to 18.00. **BULLOCKS:** Choice 35.50-39.50, Good 33.50-37.50, few Standard 31.00-34.75, few Utility 28.00-31.50. **BULLS:** Yield Grade No. 1, 1000-2000 lbs. 33.00-38.00, Yield Grade No. 2, 900-1550 lbs. 30.00-35.00.

FEEDER CATTLE: Good

& Choice 300-700 lbs. steers 35.00-45.00, Medium 350-650 lbs. 25.00-37.00, Good & Choice 275-600 lbs. heifers 28.00-36.00, Medium 275-550 lbs. 21.25-27.50. Few Good Choice 400-650 lbs. bulls 29.00-39.00, few Medium 300-600 lbs. 24.50-34.00.

CALVES 4288. Compared with 3589 head last week, and 4062 head a year ago. Vealers \$4 to \$9 lower. **VEALERS:** Few Prime 65.00-75.00, Choice 0.00-67.00, Good 42.00-56.00, Standard and Good 110-130 lbs. 38.00-50.00, 90-110 lbs. 30.00-42.00, Standard 70-90 lbs. 27.00-38.00, few Utility 50-90 lbs. 15.00-30.00. **Farm Calves:** Holstein bulls 90-120 lbs. 33.00-52.00; few Holstein heifers 85-115 lbs. 39.00-44.00. **8205.** Compared with 6787 head last week, and 7804 head a year ago. Barrows and gilts 50 cents to \$1 lower. **BARROWS & GILTS:** US No. 1-2 200-235 lbs. 43.50-45.60, No. 1-3 190-245 lbs. 42.50-44.50, No. 2-3 190-260 lbs. 40.00-43.20, few No. 2-4 260-300 lbs. 35.00-40.00, No. 1-3

120-190 lbs. 34.00-41.00. **SOWS:** US No. 1-3 290-550 lbs. 28.25-35.00, No. 2-3 300-700 lbs. 26.00-31.00. Boars 18.00-27.50.

FEEDER PIGS 2046. Compared with 2283 head last week, and 2003 head a year ago. Feeder pigs steady to \$2 higher. US No. 1-3 20-35 lbs. 20.00-32.00 per head, No. 1-3 35-50 lbs. 29.00-40.00 per head. **GRADED FEEDER PIGS SALES** 1876 head on a per hundredweight basis. Compared with 1270 head last week; and were \$5 to \$12 lower. US No. 1-2 30-55 lbs. 90.00-110.00, 55-85 lbs. 76.00-90.00; US No. 2-3 30-50 lbs. 87.00-105.00, 50-70 lbs. 70.00-82.00.

SHEEP 1115. Compared with 803 head last week, and 1008 head a year ago. Spring lambs \$2 to \$3 lower. **LAMBS:** Choice 60-100 lbs. 54.50-65.00, Good 50-90 lbs. 43.00-55.00. Slaughter ewes 20.00.



Sechrist Auction

Stewartstown, Pa.
May 30, 1977

CATTLE 84. Steers - Good 38.00-39.25, Standard Good 35.00-37.00, Holsteins Good 34.00-34.75, Standard to Good 28.00-32.00.

Heifers - Good 32.00-34.00, Standard Good 30.00-31.50, Holsteins Good 29.00-29.50, Standard Good 27.00-28.75. Feeder Steers - Good and Choice 40.00-41.50, Standard Good 38.50-39.50, Utility 30.00-35.00.

Bulls - Standard to Good 32.00-33.50, Utility to Standard 30.00-31.75.

Cows - High Yearling Commercial 28.00-29.10, Cutters 27.25-27.75, Canners Low Cutters 25.00-26.50, Shells 18.00-23.00.

CALVES 66. Calves - Choice and Prime 62.00-72.00, Good and Choice 55.00-60.00, Standard and Good 45.00-50.00, Utility to Good 110-140 lbs. 40.00-44.00, Utility 90-110 lbs. 35.00-39.00, Culls 25.00-34.00.

HOGS 329. Hogs - U.S. No. 1 and 2, 180-220 lbs. 43.25-43.50,

U.S. No. 1 and 3, 190-230 lbs. 43.00-43.10, U.S. No. 1 and 3, 180-250 lbs. 42.50-42.75, Sows - 250-375 lbs. 32.00-33.50, 400-500 lbs. 30.00-45.00, Boars - 300-500 lbs. 25.00-28.00.

SHEEP 15 Lambs - Good to Choice 38.00-45.00, Medium and Good 30.00-37.00. Ewes - 8.00-20.00.

Private Treaty Fat Hogs, Select No. 1 and 2, 200-215 lbs. 43.25-43.50, Private Treaty Fat Hogs, No. 1 and 2, 190-220 lbs. 42.75-43.00.

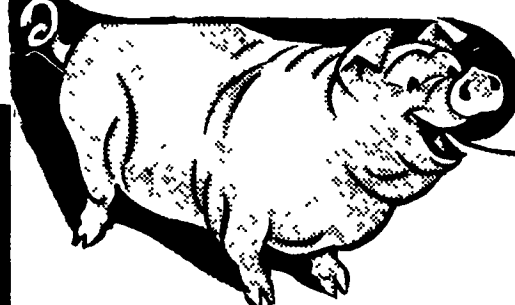
Private Treaty Fat Hogs, No. 1 and 3, 190-220 lbs. 42.25-42.50.

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Chairmen: Jack Forsyth, Lloyd Hoover, Pat McCoy

Judged and Sold in Lots of 10
3 CLASSES

Light — 195 to 210 Medium — 211 to 230
Heavy — 231 to 250

- All Hog Feeders Eligible
- One Lot of 10 per Consignor
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- Ribbons awarded to sellers and buyers
- 1st and 2nd for each class
- Trophies to Grand Champion and Reserve Champion

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Consider these features:

PRODUCT

The B-300V rates "excellent" in all key indicators of profitable performance:

- **EGG PRODUCTION** -- The B-300V peaks high and early, for quick recovery of your costs, and early profitability. Her persistency after peak translates to top egg production.
- **FEED CONVERSION** -- The B-300V has a proven ability to efficiently convert feed to eggs. From 1966, until 1973 when she was withdrawn from Random Sample Tests, she was the top average feed converter in the industry.
- **LIVABILITY** -- Field results from all B-300V flocks in production since her reintroduction in late '76 indicate she may have far-and-away the best livability in the business.
- **EGGSHELL QUALITY** -- Eggshell strength is one of the greatest assets of the 1977 B-300V. Between 1972 and 1976, shell strength of eggs produced by B-300V's has improved by a measured 15% in early lay (36 weeks) and 30.8% in late lay (68 weeks).
- **RESISTANCE TO STRESS** -- We call it "manageability". The B-300V is a calm, adaptable bird. She resists environmental stresses and recovers rapidly from management problems.

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The Babcock distribution team has developed service programs to provide each individual grower or egg producer with the optimum product for his specific operation.

- **DELIVERY** -- Careful, on-time and courteous.
- **QUALITY PRODUCTS** -- Birds are hatched and/or grown with Babcock technical assistance. Uniform, healthy chicks and started pullets are vaccinated for your area challenges, and are correctly and fully-developed for their age.
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Livestock market and auction news

Chambersburg Auction

May 26, 1977
CATTLE 430. Compared with last Thursday's market, slaughter steers 25 cents to 75 cents lower. Slaughter cows steady to \$1.25 lower. Slaughter bulls 25 cents lower. Choice 950-1250 lbs. 2-4, slaughter steers 38.75-40.75, Good 35.75-38.50, Standard 32.75-35.00, few Utility 30.60-32.00. Few Choice slaughter heifers 35.10-36.35, Good 33.50-35.60, few Standard 31.00-33.50. Utility and High Dressing Cutter slaughter cows 27.75-30.25, few to 32.00, Cutters 26.75-28.50, Canners 23.75-26.00, Shells down to 20.35. Few Good slaughter bullocks 25.00-36.75, few Standard 22.25-34.00, few Utility 29.75-32.35. Yield Grade No. 1, 1000-1700 lbs. slaughter bulls

33.75-35.85, individual at 37.10. Good and Choice 300-600 lbs. feeder steers 31.00-39.50. Medium and Good 275-500 lbs. feeder heifers 23.50-32.50.

CALVES 579. Vealers grading Choice and Prime \$1 to mostly \$6 to \$9 higher, Standard and Good \$4 to \$9 lower. Prime vealers 68.00-75.00, Choice 53.00-69.00, Good 40.00-50.00, Standard and Good 110-130 lbs. 35.00-44.00, 90-110 lbs. 32.00-37.00, Standard 70-90 lbs. 27.00-33.00, Utility 50-85 lbs. 20.00-30.00. Farm Calves: Holstein bulls 90-120 lbs. 34.00-52.00; Holstein heifers 90-115 lbs. 34.00-42.00.

HOGS 120. Barrows and gilts 25 cents to 75 cents lower. US No. 1-2 200-220 lbs. barrows and gilts 44.00-45.00.

No. 1-3 200-235 lbs. 42.85-43.75, No. 2-3 230-250 lbs. 42.00-43.00. US No. 1-3 300-600 lbs. sows 28.25-32.00.

FEEDER PIGS 86. US No. 1-3 20-30 lbs. feeder pigs 17.50-25.00 per head, No. 1-3 35-50 lbs. 29.00-36.50 per head.

SHEEP 100. Choice 75-100 spring slaughter lambs 49.00-56.50, Good 40-80 lbs. 38.00-48.00. Slaughter ewes 11.50-19.50.

Valley Livestock

Valley Stockyards, Inc.
Athens, Pa.

Monday, June 27
Reported receipts of 92 cows, 28 bulls, 249 calves, 81 hogs, 16 steers, 33 heifer, and 16 sheep. Cattle market good, calf market steady to higher than last week's market.

Veals 45.00-59.00; bobs 30.00-42.00; grassers and feeders 25.00-36.00; lambs 30.00-56.00; sheep 12.00-20.00; hogs 25.00-41.00; pigs 12.00-30.00; heifers 25.00-31.75; steers 30.00-38.00; bulls 28.00-36.00; cows, good 28.00-32.50; cows, med. 25.50-27.00; cows, poor or small 20.00-24.00; horses, small 20.00-30.00; ponies 8.00-20.00; goats 18.00-30.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, June 1
Market stronger than last week's market.

Reported receipts of 97 cows, 18 heifers, and six bulls.

Load of New York state fresh 590-900, springers 600-1150; load of Wisconsin fresh 600-820; two loads of Pennsylvania fresh 530-700, 610-1720; load of Butler County fresh 445-950, springers 415-850.

Local cows 450-700; springing heifers 425-625; bred heifers 490-620; bulls 175-500.

New Holland Horse

New Holland Sales Stables
Monday, May 30

Reported receipts of 370 head of horses, mules and ponies. Market steady with last week's market.

Local driving horses 150-995; local riding horses 150-325; better horses 350-610; one registered quarter horse 1000; lightweight killers 20-24; heavyweight killers 31-33; mares 20-55; colts 10-20; geldings 20-50; larger ponies 60-140.

Carlisle Auction

May 31, 1977

CATTLE 190. Compared with last Tuesday's market: One Choice slaughter steer at 41.25, Good 36.60-38.35, Standard 34.75-36.00, Utility 27.50-32.75. Good slaughter heifers 33.85-36.10, Standard 31.75-32.25, Utility 27.75-28.50. Utility and High Dressing - Cutter slaughter cows 26.75-28.00, Cutters 23.85-27.00, Canners 20.75-24.00, Shells down to 18.00. Good slaughter bullocks 34.00-37.50, Standard 28.60-33.00.

CALVES 143. Good vealers 47.00-54.00, Standard and Good 110-130 lbs. 37.50-45.50, 90-115 lbs. 30.00-38.00.

HOGS 254. US No. 1-2 barrows and gilts 43.75-46.10, No. 1-3 42.10-43.75, No. 2-3 40.00-41.75, No. 2-4 270-340 lbs. 33.25-34.85. US No. 1-3 300-600 lbs. sows 33.50-35.00, No. 2-3 27.50-29.00. Boars 25.50-28.00.

FEEDER PIGS 288. US No. 1-3 25-35 lbs. feeder pigs 19.00-27.00 per head, No. 1-3 35-50 lbs. 30.00-35.50, Utility 20-30 lbs. 13.00-16.50 per head.

SHEEP 52. Good spring slaughter lambs 49.00-63.00, Utility 42.00-46.00. Slaughter ewes 9.50-17.0.

Des Moines

June 1, 1977

Compared to Tuesday's close, fresh prok cut trade closing slow, demand moderate to light. Fresh loins steady to 1.00 higher; picnics 2.50-5.50 lower; Boston butts not fully established: skinned hams steady to 3.00 lower, mostly 1.00-3.00 lower: bellies steady to 1.00 lower: Spareribs not established.

Fresh Prok Cuts

Loins 14-DN lbs. 85.00-93.00 export steady 14-17 lbs. 84.00-85.00 1.00 higher

Picnic 4-8 lbs. 44.00 5.50 lower. 8&up lbs. 45.25 2.50 lower.

Boston butts part load 4-8 lbs. 72.75

Spareribs 3-DN lbs. 100.00 frozen

Skinned hams 14-17 lbs. 70.00-71.00; 75.00 export 17-20 lbs. 70.00 1.00-3.00 lower; 20-26 lbs. 70.00: load 71.00 1.00 lower; 26 & up lbs. 68.00-69.00 steady to 1.00 lower.

Bellies, SDLS 12-14 lbs. 55.00 1.00 higher; 16-18 lbs. 53.00 steady; 18-20 lbs. 51.00. Pork trim 50 lean 39.25 fresh; 38.75 frozen 80 lean 65.00 fresh: 67.25 frozen

BNLS picnic 68.00 fresh: 69.00 frozen

Compared to Tuesday's close, beef trade closed moderate to slow. Demand moderate to light. Steer beef steady to 1.00 lower. Heifer beef steady to 50 lower. Primal beef cuts, steer rounds steady, arm chucks steady to 2.00 higher. No comparable cow beef sales. Sales on 56 loads steer and heifer beef confirmed. 1 cow beef load.

Steer Beef

34 Confirmed Loads
Choice 3 600-800 lbs. 62.75-63.75, mostly 63.75 steady to 1.00 lower.

Choice 2 600-800 lbs. 64.75
Choice 4 600-900 lbs. 60.00 steady

Good 2-3 500-800 lbs. 59.25 steady.

Heifer Beef

22 Confirmed Loads
Choice 3 500-700 lbs. 62.25-62.75, mostly 62.25 50 lower
Good 2-3 500-700 lbs. 58.25 steady

Cow Beef

1 Confirmed Load
Utility (BRKG) (NTHR) 3-4 47.00

Cow Beef

1 Confirmed Load
Choice 3
Pimal Beef Cuts

15 Confirmed Loads
Hinds (steer) 145-190 lbs. 83.50 load.

Fores 130-210 lbs. 47.50-48.00

Arm Chucks 75-120 lbs. 44.00-46.00 steady to 2.00 higher.

Rounds (Steer) 70-95 lbs. 68.00 steady

Short Plates 25.00 load

Beef Trimmings

12 Confirmed Loads
Beef Trimmings - 50 Chem

Lean (Fresh) 29.00

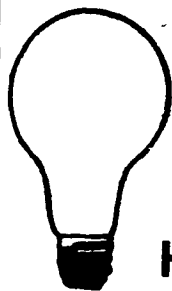
Good Primal Beef Cuts

2 Confirmed LOADS
Forequarters 46.50



SCARLET SAGE

POULTRYMEN



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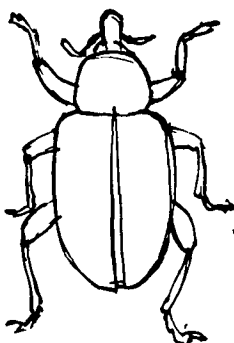
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Walter H. Risser, Proprietor

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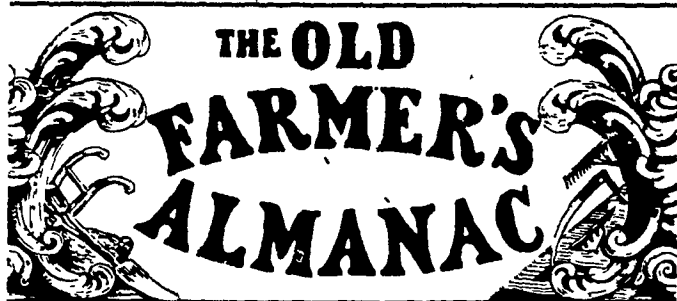
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L. Robert Frame, manager



June 6-12, 1977

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Hang hammocks outside now NAACP leader Medgar Evers murdered June 12, 1963 Last quarter of the moon June 8
Cranberries in bloom now Average length of days for the week, 15 hours, 15 minutes Boston Red Sox beat old St. Louis Browns 29 to 4 June 8, 1950 Debt imprisonment abolished June 6, 1798
Few men are admired by their servants



Ask the Old Farmer: I thought I would build a wooden snow shovel for this coming winter. I saw a picture of one in a 1902 Sears Roebuck catalog, but I don't know what kind of wood was used. Do you know? E.T., York, Pa.

We have seen them made out of maple, cedar, and pine. All of them work well if the blades are reinforced with metal.

Home Hints: Save yourself time by backstitching seams on your machine. There will be no need to tie off loose ends, and the stitches will be permanent.

OLD FARMER'S WEATHER FORECASTS

New England: Week begins sunny and hot with some showers, turning variable with rain through weekend.

Greater New York-New Jersey: Clear and hot through Wednesday, variable and showery through week's end.

Middle Atlantic Coastal: Sunny and warm with few showers to start, continuing warm with light showers through remainder of week.

Piedmont & Southeast Coastal: Frequent heavy rains, cloudy and cool all week.

(All Rights Reserved Yankee Inc. Dublin, NH 03444)

Joliet Cattle

JOLIET, Ill.
June 1, 1977

CATTLE: 3300 trading slow. Slaughter steers and heifers opened weak to 50 lower. Supply about 25 per cent heifers. Steers and heifers mostly choice.

SLAUGHTER STEERS: high Choice & Prime 3-4 1100-1275 lbs. 40.75-41.25. Choice 2-4 1050-1350 lbs. 40.00-41.00.

SLAUGHTER HEIFERS: Choice, few prime, 2-4 875-1075 lbs. 38.50-39.75, load 40.00. Mixed good and choice 2-3 700-1000 lbs. 37.00-38.50.

JOLIET, Ill.
June 2, 1977

Weekly Cattle
Friday through Wednesday's salable receipts 8,232, 5 days last week 8,519, same period last year 8,204. Slaughter steers and heifers 25 to 50 lower than last Wednesday. Supply mostly choice steers and heifers. SLAUGHTER STEERS: High choice and prime 3-4 1075-1300 lbs. 41.00-41.50. Tuesday: 40.75-41.25. Wednesday: Yield Grade 4 and 5 1200-1425 lbs. 38.75-40.50. Choice 2-4 1150-1350 lbs. 40.00-41.00, mostly 40.50-41.00. Tuesday. Mixed good and choice 2-3 900-1250 lbs. 38.50-40.00. Few lots good

and choice holsteins 2-3 1475-1550 lbs. 37.50-38.00 Wednesday.

SLAUGHTER HEIFERS: High choice and prime 3-4 950-1075 lbs. 39.50-40.00, to 40.25 Tuesday. Choice 2-4 850-1075 lbs. 38.50-39.75. Mixed good and 2-3 700-1000 lbs. 37.50-38.75 Tuesday, 37.00-38.50 Wednesday.

Belleville Auction

Belleville, Pa.
June 1, 1977

CATTLE 180. Compared with last Wednesday's market, slaughter cows grading Utility & High Dressing Cutter steady to 25 cents higher, Canner & Cutter \$1 to \$1.75 higher. Few Standard slaughter steers 33.25-35.25, few Utility 30.00-32.00. Couple Utility slaughter heifers 30.00. Utility & High Dressing Cutter slaughter cows 26.35-28.75, couple to 29.35, Cutters 25.00-27.75, Canners 23.00-25.00. Few Yield Grade No. 1 1050-1800 lbs. slaughter bulls 32.00-35.85.

CALVES 121. Few Choice vealers 42.00-45.50, few Good 35.50-45.00, few Standard & Good 110-130 lbs. 34.50-38.00, 90-110 lbs. 32.00-36.00,

East Coast Carlot Meats

Princeton, N.J.
June 1, 1977

East Coast Carlot meat trade CAF Boston to Washington area inclusive. Compared to Tuesday's close: Demand and commitments moderate for most meat items as reported by the USDA. No comparison on steer beef. Canner and cutter cow beef steady to .50 higher. Prime special fed veal fully steady. Good and choice boning veal: northeastern suppliers compared to Friday 5.00-6.00 higher: Midwest and west coast suppliers compared to Tuesday steady. Spring Lamb compared to last week's bulk 1.00 lower. Fresh pork loins uneven 14 lbs. down steady to weak 14-17 lbs 1.00 higher.

STEER BEEF
(15 LOADS CONFIRMED)
Choice 3 Selected 600-700 lbs 6775; Choice 3 600-800 lbs 6725-6750.
COW BEEF
(4 LOADS CONFIRMED)
Utility BNG 1-2 600 Up limited selected 5500; Canner-cutter 1-2 350 lbs up 5500 steady to .50 higher.
CHOICE 3
PRIMAL BEEF CUTS
(8 LOADS CONFIRMED)
Steer Hinds 145-190 lbs 8700; Arm Chucks 90-130 lbs. 4750-4950 .50-2.50 higher; Flanks untrimmed 2900.
GOOD 3
PRIMAL BEEF CUTS
(2 LOADS CONFIRMED)
Fores 130-210 lbs 5000
VEAL CARCASS
-HIDE ON
Prime (Special fed) 180-250 lbs. 118.00-122.00 fully steady.
Good and Choice boning veal, Northern suppliers compared to Friday 65-75 lbs 5800-6200, Bulk 6200 5.00-9.00

hghr 55-64 lbs 5600-6000, Bulk 600 5.00-900 hghr 45-54 lbs 5400-5800, Bulk 5800 5.00-9.00 hghr 35-44 lbs. 5200-5600 5.00-6.00 Higher, 34 lbs down 5000-5400 5.00-6.00 Higher.

Midwest and West Cost Supplies compared to Tuesday all steady 70-80 lbs 5800-6400, Bulk 6200; 60-70 lbs 5600-6200, Bulk 6000; 50-60 lbs 5400-6000, Bulk 5800; 40-50 lbs 5200-5800, Bulk 5600; 30-40 lbs. 5000-5600, Bulk 5400.

Canadian Suppliers 41-60 lbs 6100.

SPRING LAMB
CHOICE & PRIME 3-4
(9 LOADS CONFIRMED)
Compared to Last Week's, bulk all 55 lbs. down 104.00, few 105.00-106.00 55-65 lbs. 104.00 65-75 lbs. 104.00
FRESH PORK CUTS
Loins 14 lbs. down 88.25 steady to weak 14-17 lbs. 87.25-88.50 1.00 higher.
Picnics short shank 4-8 lbs. 58.50
Skinned hams 26 lbs. up 72.25

CURED & PROCESSED MEATS
(9 LOADS CONFIRMED)
Skinned Hams 16-19 lbs. 74.00 Semi Boneless hams 14-17 lbs. 94.00
1 lb. sliced bacon vacuum pack 101.00 steady
Franks 70 beef, 30 pork 1 lb. pack 60.00 steady
Bologna 70 beef, 30 pork 1 lb. sliced pack 63.00 steady to 1.00 lower.

BONELESS BEEF
(4 LOADS CONFIRMED)
85 pct chem lean, fresh 66.50-68.00

BEEF TRIMMINGS
(4 LOADS CONFIRMED)
50 pct chem lean, fresh 31.00 generally steady frozen 25.50-27.00.

Wisconsin, Minnesota, Iowa and New York lead the country in the production of both cheese (63 per cent of U.S. total) and butter (54 per cent of U.S. total). Missouri fills out the top 5 in cheese, and California in butter. The five leading cheese states are also increasing their butter production.

15-20 lbs. 13.00-16.00 per head.

SHEEP 38. Good & Low Choice 50-85 lbs. spring slaughter lambs 41.00-48.00, one 25 lbs. at 71.00, Good 50-80 lbs. 38.00-45.00. Slaughter ewes 10.00-23.00.

Lebanon Valley

May 31, 1977

CATTLE 276. Compared with last Tuesday's market, slaughter steers mostly 25 cents to 50 cents lower. Slaughter cows mostly steady to 50 cents lower, spots \$1 to higher on Utility. High Choice & Prime No. 3-4 1000-1250 lbs. slaughter steers 40.00-41.25, Choice No. 2-4 950-1300 lbs. 39.00-40.35, High Good to Low Choice 38.50-40.00, Good 36.50-38.75, Standard 32.85-35.25, few Utility 29.75-32.00. Few Choice slaughter heifers 35.75-37.00, few Good 33.75-34.60, few Standard 29.10-30.85, few Utility 25.50-27.50. Utility & High Dressing Cutter slaughter cows 27.85-29.35, Cutters 25.75-28.00, Canners 23.35-25.60, Shells down to 18.85. One Choice slaughter bullock at 36.60, few Good 33.35-35.10, few Standard 31.10-33.25, few Utility 28.25-31.10. Few Yield Grade No. 1 1515-1775 lbs. slaughter bulls 35.00-37.75, Good 595-800 lbs. feeder steers 33.25-38.00.

CALVES 150. Vealers \$1 to \$2 lower. Choice vealers 51.00-57.00, Good 43.50-48.50, Standard & Good 110-130 lbs. 36.00-43.00, 90-110 lbs. 30.50-36.50, Standard 70-90 lbs. 28.50-33.00, few Utility 60-90 lbs. 7.50-25.00. Farm calves,

holstein bulls 90-125 lbs 38.00-43.00.

HOGS 493. Barrows & Gilts \$2 to \$3 higher. US No 1-2 200-240 lbs. barrows & gilts 45.60-46.50, No. 1-3 195-245 lbs. 44.75-45.85, No. 2-3 210-265 lbs. 43.00-44.85, few No 1-3 150-185 lbs. 30.00-41.00. US No. 1-3 400-545 lbs. sows 31.25-33.25, No. 2-3 300-540 lbs. 25.00-31.25. Few Boars 20.25-24.25.

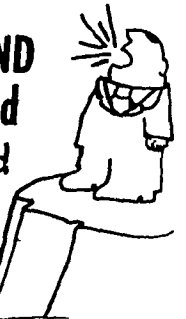
FEEDER PIGS 58. US No 1-3 20-35 lbs. feeder pigs 19.50-27.00 per head, No. 1-3 35-50 lbs. 33.25-37.50 per head.

SHEEP 18. One Choice 50 lbs. spring slaughter lamb at 54.50, Good & Choice 50-60 lbs. 45.50-50.50. Few Slaughter ewes 14.00-18.50



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If You Are the Consignor Of The
MILLIONth HEAD

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State Graded Until 12 Noon.
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Livestock market and auction news

Leesport Auction

Leesport, Pa.
June 1, 1977
CATTLE 236. Supply included 28 head feeder cattle. Compared with last Wednesday's market, slaughter steers steady to 72 cent higher. Slaughter cows strong to \$1 higher. Few High Choice & Prime No. 3-4 1060-1140 lbs. slaughter steers 40.60-41.00, Choice No. 2-4 900-115 lbs. 39.85-40.60, few 41.5-, High Good to Low Choice 38.85-40.10, Good 36.10-39.00, Standard 33.10-35.35, few Utility & Low Standard 30.00-32.85. Choice slaughter heifers 36.10-38.10, few No. 4-5 29.50-31.50, Good 32.00-35.85, Few Standard 23.60-33.00, few Utility 26.85-28.50. Utility & High Dressing Cutter slaughter cows 28.00-30.10, few 31.50, Commercial 27.00-29.00,

Omaha

June 2, 1977
Compared with the previous week's close: closing prices on slaughter steers were mostly 25 lower, some 3-4 50 lower. Heifers weak to 25 lower. Cows closed 50-1.00 higher and bulls steady.

Four day receipts 19,900 as compared 17,900 previous week and 15,700 a year ago. Marketings were liberal following the Memorial Day holiday and fed cattle prices were bent downward as carcass prices weakened. Demand was generally good but most buying interests, however, and day-to-day variations were usually not severe, although buyers were rather selective on the late rounds for load lots carrying a minimum of Yield Grade 4. The overall

No. 1-2 (lot) 50 lbs. feeder pigs at 40.00 per head, No. 1-3 20-35 lbs. 23.50-30.00, No. 1-3 35.50 lbs. 30.00-33.00, lot No. 1-3 55 lbs. 36.50 per head, No. 1-3 95-145 lbs. 38.00-40.00 cwt., lot Utility 25 lbs. 19.00 per head.

SHEEP 57. Lot Choice 80 lbs. spring slaughter lambs 56.00, Good & Choice 55.70 lbs. 44.00-50.00, Good 30-50 lbs. feeder lambs 43.00-50.00. Slaughter ewes 12.00-27.00, few to 29.00.

Cutters 25.85-28.00, Canners 23.00-26.00, Shells down to 18.50. Few Good slaughter bullocks 34.25-36.85, few Standard 31.00-35.50, few Utility 28.60-30.10. One Yield Grade No. 1 1640 lbs. slaughter bull at 36.75; one yield grade No. 2 1520 lbs. 36.50; few No. 3-4 1100-1665 lbs. 31.25-35.00. Couple Choice 220-250 lbs. feeder steers 39.00 and 45.00; Medium & Good 500-750 lbs. 34.50-38.00; Lot Choice feeder bulls 37.50, few Medium & Good 475-650 lbs. 29.35-35.00.

CALVES 178. Vealers steady to \$2 lower. Two Prime vealers 64.00 and 66.00, Choice 49.00-58.50, Good 41.00-49.00, Standard & Good 110-130 lbs. 37.00-47.00, 90-110 lbs. 30.00-38.00, Standard 70-90 lbs. 26.50-30.00, Utility 65-90 lbs. 20.00-26.00. Farm calves, holstein bulls 85-135 lbs. 35.00-47.00.

HOGS 358. Barrows & Gilts mostly steady to 25 cents lower. US No. 1-2 200-225 lbs. barrows & gilts 44.75-45.25, No. 1-3 195-245 lbs. 44.00-44.85, No. 2-3 185-255 lbs. 42.00-44.10, few 41.00-42.00, few No. 2-4 240.00, few No. 2-4 240-275 lbs. 33.25-41.50, No. 1-3 150-185 lbs. 30.00-34.00. US No. 1-3 275-475 lbs. sows 31.75-33.75, few to 35.50, No. 2-3 350-630 lbs. 26.00-31.75. Boars 24.00-29.00, light weights 25.50-34.00.

FEEDER PIGS 171. US

GRADED FEEDER PIG SALE

TUESDAY, JUNE 7, 1977
Sale Time 1:00 P.M.

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Note to Buyers
Reputation Breeder Consignments
Special Consignments for this sale

200 head from Jerry Rutter
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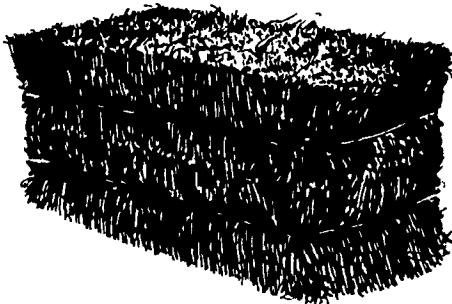
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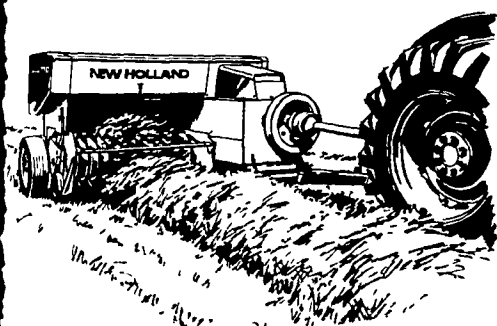
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HAY!**



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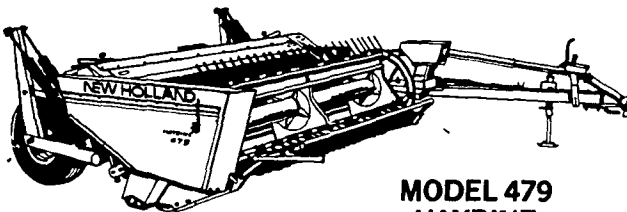
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Middleburg Auction

May 31, 1977

CATTLE 332. Compared with last Tuesday's market, slaughter steers about steady. Slaughter cows grading Utility and High Dressing Cutter steady to 75

finish of the steer crop was attractive with a liberal percentage Choice, including many loadlots mixed 3 and 4. Much of the heifer run was Good to Average-Choice. Slaughter steers made up approximately 50, and heifers 31. Cows comprised 10 and feeders for auction 6.

STEERS: On Tuesday, two loads Choice with end Prime predominantly 3 1239-1298 lbs. 41.75. At mid-week, three loads Choice with end Prime 3-4 1154-1211 lbs. 41.25, two loads 3-4 1192-1245 lbs. 41.00. Choice 2-4 975-1300 lbs. 40.00-41.00, occasionally 41.25 on predominantly 3, part load 1125 lbs. 41.50, numerous loads 3-4 1150-1250 lbs. 40.00-40.50. Mixed Good and Choice 2-3 950-1250 lbs. 39.00-40.00, load 1200 lb. Holsteins 37.00. Good 2-3 36.00-39.00. Holsteins 35.00-35.50 Standard and Good 2-3 34.00-35.50.

Average of LS - 214, detailed quotations for Choice 2-4 900-1100 lb. steers this week 40.81. Choice 2-4 1100-1300 lbs. 40.72. Average weight steers first two days 1153 lbs. as compared 1155 lbs. previous week. Average weight heifers first two days 982 lbs. as compared 1002 lbs. previous week.

HEIFERS: Load Choice and Prime 3-4 986 lbs. 41.25 on Tuesday. At mid-week, part loads Choice and Prime 3-4 891-982 lbs. 41.00, several loads and part loads same grade 975-1050 lbs. 40.75. Choice 2-4 900-1050 lbs. 39.00-40.50. Mixed Good and Choice 2-3 850-1000 lbs. 37.50-39.00. Good 2-3 34.00-36.50. Small lots Standard and Good 2-3 31.00-33.00.

COWS: Utility and Commercial 2-4 26.00-28.50, few High-Dressing Commercial 29.50. Canner and Cutter 22.50-26.50.

BULLS: 1-2 1400-2000 lbs. 32.00-36.50, few individual 1 37.00.

cents higher, Canner and Cutter \$1 to \$2 higher. Few High Choice & Prime 1000-1200 lbs. slaughter steers 41.00-41.60, Choice 2-4, 950-1250 lbs. 39.75-42.00, Good 35.60-39.60, Standard 33.00-35.50, few Utility 30.00-32.75. Choice slaughter heifers 36.50-38.50, individual at 40.75, Good 34.00-35.75. Utility and High Dressing Cutter slaughter cows 26.85-29.85, couple to 30.35, Cutters 26.50-28.50, Canners 24.00-26.00, Shells down to 21.00. Individual Choice slaughter bullock at 36.60, Good 34.25-36.00, few Standard 32.75-34.25, few Utility 30.00-32.00. Few Yield Grade No. 1, 1300-1600 lbs. slaughter bulls 33.75-38.10. Few Good 300-600 lbs. feeder steers 33.00-40.00. Lot Good 600-700 lbs. feeder heifers 32.75-33.00.

CALVES 221. Vealers grading Standard to Choice to \$3 lower. Individual Prime vealer at 65.50, Choice 52.00-58.00, Good 42.00-50.00, few Standard and Good 110-130 lbs. 37.00-40.00, 90-110 lbs. 32.00-37.50, Standard 70-85 lbs. 27.00-32.00. Farm Calves: Holstein bulls 90-115 lbs. 33.00-41.50. Choice 150-250 lbs. slaughter calves 44.00-51.00, Good 35.00-45.00.

HOGS 387. Barrows and gilts steady to mostly 50 cents lower. US No. 1-2 190-230 lbs. barrows and gilts 43.80-45.00, No. 1-3 200-250 lbs. 43.00-43.80, No. 2-3 230-270 lbs. 38.90-42.20. US No. 1-3 300-600 lbs. sows 31.00-34.25. Boars 22.50-24.75.

FEEDER PIGS 202. US No. 1-3 10-15 lbs. feeder pigs 12.50-16.00 per head, No. 1-3 20-35 lbs. 27.00-33.00, Utility 25-40 lbs. 19.00-25.00 per head.

SHEEP 14. Few Good 35-70 lbs. spring slaughter lambs 36.00-40.00. Few Slaughter ewes 10.00-18.50.

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EDITORIAL COMMENTS

BY DIETER KRIEG, EDITOR

Walk into a supermarket now, and you're likely to see a variety of promotional displays in, around, and above the dairy case. June is Dairy Month. Milk is being given just a bit of extra attention. But there's a lot more to it than fancy displays and catchy slogans, even though that's about the extent of the average consumer's exposure to the dairy industry.

Milk production involves grain and straw production in July. In August it's hay. In September there's silage to be made, and in October the dairyman picks corn. November is no time of rest either since cows still need to be milked and field work might not be all done. December, January, and February bring clean-up and repair jobs into closer focus. By March the dairyman is itching to get back out to the field, and in April he's planting for sure. Field work continues into May. And then there's June with more of the same. But June is Dairy Month, even though cows are milked every month, 365 days of the year.

The consumer doesn't know about the dairyman getting up in the middle of the night to deliver a calf. Assisting in the birth process may mean wrestling with the calf while it is still in the womb. One arm is fully extended into the cow, straining to turn a calf into the proper birth position. It's a demanding job, and depending on the circumstances, can take several hours.

The agony of seeing a prized calf or

a good producer die of an illness is part of the dairy business. So are trampled teats, partially paralyzed cows, mastitis, retained placentas, and a variety of other complications.

Dairy farming could mean fixing fences when you had planned to bale hay, or repairing the silo unloader on a Sunday afternoon you thought you had for yourself. The dairy business means being at the mercy of the weather - depending on rain for your crops and hoping that lightning misses your cows, whether they're in the barn or out on pasture.

Dairy farming means not being able to afford to get sick, with time and money both being limiting factors. There's always work to do, and the animals are always dependent on the dairyman for their needs. Dairying is also a career with set hours, but rather than 8 to 5, they're more like 5 to 8. Throw in a few problems and the normal 14 hour day is lengthened by six more. It's all part of the dairy story which isn't displayed around the dairy case of your supermarket.

But then there are also many joys and satisfactions of being a dairy farmer. Without them the milkflow would certainly diminish, if not cease altogether.

Dairy farming is a cornerstone of agriculture, providing mankind with milk, cheese, butter, ice cream, meat, hides, fertilizer, and a more beautiful countryside. It's a lot we can be thankful for and the farmer's role in dairy production is hereby acknowledged and saluted.

LETTERS TO THE EDITOR

Reader questions beef referendum

Editor, Lancaster Farming:

I didn't think I'd ever see the day when an American dairy farmer would be compelled to advertise another man's product, but that day is at hand if we don't turn down the beef checkoff promotion referendum.

Dairymen will be assessed on the commercial slaughter value of our cattle. That money will then be used to promote the sale of beef, some of which, such as snacks, directly competes with dairy products, such as cheese and cottage cheese. We know that dairy promotion has not been all it was cracked up to be where it has been tried, but at least

dairymen were promoting their primary product.

Let's look at our own competition in the beef market. I'm afraid most of that advertising money will go to promote choice steaks and roasts, products we usually don't associate with a dairy cow.

An editorial comment in the May 10 Hoard's Dairyman said that 80 per cent of imported beef "would grade commercial, utility, or cutter and canner, the same as cull dairy cows are graded." This is important information for dairymen. It is not fair for dairymen to contribute part of the proceeds from our dairy beef sales for advertising which

would promote beef consumption in general - even though much of our imported beef competes with ours and has a depressing effect on the price we get for our cull cows. What makes it even worse is that there is no promotion assessment whatsoever on imported beef.

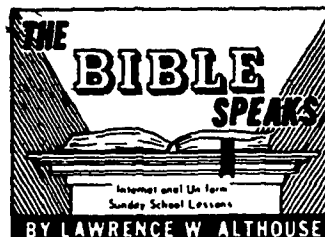
The beef promotion checkoff is clearly unfair to dairymen and we should all vote against it. Once beef producers come up with a better idea, we can talk about the merits of promotion.

Sincerely,
Forney Longenecker,
Lititz, Pa.

RURAL ROUTE



By Tom Armstrong



OLD/NEW STORY

Lesson for June 5, 1977

Background
Scripture:

Exodus 1 through 2

Devotional Reading:

Psalms 102: 12-22

Thirty-three hundred years ago there was trouble in Egypt.

How could something that happened that long ago be of any interest or relevance to us today? The world has changed so much in thirty-three centuries. Society has changed. Technology has changed. Geography has changed. Everything has changed - except people!

And since people produce the headlines, they have not changed much either:

EGYPT KEEPS

WARY EYE ON ISRAEL!

ISRAEL PROTESTS

EGYPTIAN

"PROVOCATIONS"!

JEWS AND EGYPTIANS

CLASH AGAIN!

The story in the Book of Exodus may be an old one, but it is also very contemporary. For example, the roots of conflict are still much the same. The writer of Exodus outlines these for us. First of all, there is FEAR! "Behold," say the Egyptians among themselves, "the people of Israel are too many and too mighty for us" (Exodus 1:10). Look around the world today and wherever you see major unrest you will also hear people saying "They are too many and too much for us" - in Ireland, in Lebanon, in Southeast Asia, yes, and in our own land, too. Wherever there are minorities and majorities there is fear at work.

Secondly, the writer of Exodus tells us that there was EXPLOITATION - "Come, let us deal shrewdly with them, lest they multiply..." (1:10). We can always find good reasons for doing the wrong thing. Our own colonials found good reasons for introducing and perpetuating slavery. Many nations found good reasons to build colonial empires.

One of the "good" reasons that motivated the Egyptians was the fear that "if war befall us, they join our enemies and fight against us..." (1:10b). When we have oppressed people and exploited them, we have good reason to fear what would happen when they gain some power.

But...they multiplied. The fact is, exploitation is usually profitable. The Egyptians lived in dread of the Israelites, yet at the same time they didn't want



NOW IS THE TIME ...

Max Smith
County Agr. Agent
Telephone 394-6851

TO RECOGNIZE VOLUNTEER CORN

Seldom have we observed as much volunteer corn growing in our local fields; this corn that has been left in the field since last fall is growing like a weed and will hurt corn yields, the same as any other weed. The big problem is to know how to get rid of it. We do not know of any herbicides that can be used without killing all of the corn plants. On tilled or minimum tilled fields, the cultivator can be used to kill the plants between the rows. On no-till fields, we know of no means of eradication except the hand hoe. If cultivation is to be used, it should be done while the corn is small to eliminate the competition as soon as possible. All of this volunteer corn growing at this time reminds us that too much of the 1976 corn crop was left in the field.

TO CONTROL MULTIFLORA ROSES

This wild rose is a menace in too many pasture fields and woodlots. We have held two indoor meetings and two field demonstrations in Lancaster County regarding this program. We urge local farmers to give some attention to stopping the spread of this wild rose. The materials that may be used include Tordon 10K pellets, 2, 4-5, T with oil, and a herbicide named Roundup. Each of these have special application needs and should be well understood before using. A special Certificate is needed to purchase and apply the Tordon 10-K pellets. We urge farmers to become acquainted with these materials and use them now, or later this year. In some cases, such as under good tree plantings, it might be necessary to hire

machinery and grub out these plants. Additional information is available at any of our County Extension Offices.

TO CONTROL ALFALFA INSECTS

The second crop of alfalfa is starting slowly due to the dry weather; however, the problem of leaf hoppers is usually with us for the second and third cuttings. Also, on new stands of alfalfa planted this spring, insects can be taking their toll. We urge growers to observe their fields several times a week and apply insecticides to prevent insect damage. The alfalfa leaf miner, causing discoloration of the leaves, was found on a number of first cuttings, however, with the normal sprays for weevil, or leaf hoppers, this insect should not be a serious problem. In repeating this subject this week I hope that all growers will do something to prevent insect damage on all later cuttings of alfalfa this year.

TO PREPARE GRAIN BINS

If the dry weather continues, the barley and wheat crop will be ripening rapidly. This means that the grain bins should be cleaned out of old grain and sprayed for the control of insects. Sweep out all of the cobwebs and dirt and spray the walls, floor, and ceilings with Malathion, Methoxychlor, or a Pyrethrin grain protectant. Make these spray applications at least 24 hours before new grain is put into the bin. New grain should not be placed on top of old grain because there is danger of insect infection into the new crop. The bins or storage area should be rodent-proofed as much as possible before the new grain is stored.

Farm Calendar

Monday, June 6

Registration begins for beef referendum. Sign up at the ASCS office in your county if you expect to vote next month. Deadline for signing up is June 17.

to let them go. They needed them, just as the USSR both oppresses its own Jews and yet refuses to let them go.

The old-new story: "So they made the people of Israel serve rigor, and made their lives bitter with hard service..." (1:13,14). It has been customary for men and nations to deal with their guilt, not by changing their actions, but intensifying them. It is as if an evil course pursued hard enough and long enough will somehow become "right."

From this old story there is a lesson to be learned that is both ancient and contemporary: "But the more they were oppressed, the more they multiplied and the more they spread abroad" (1:12) - when we set ourselves on a collision course with the will of God, even man's most monstrous evil cannot long prevail.

York County 4-H Clothing judging practice, 4-H Center, 7:30 p.m.

Tuesday, June 7

Lancaster County Jr. Holstein Club meets at the Village Green Miniature Golf Course, Strasburg, 7:30 p.m.
Area wool pool, Doylestown RR station on Ashland Street, 7 a.m. to 4 p.m.
Hunterdon County, N.J., Soil Conservation District supervisors meet at the Extension Center, 7:30 p.m.

Wednesday, June 8

York County Beekeepers meet at 7:30 p.m. at the home of Quay Minnich, Red Lion.
Corn twilight meeting in Chester County, 7 p.m. at the Extension corn plot near Spring City.
Area wool pool, Reading Fairgrounds, 7:30 a.m. to 3 p.m.

Lebanon County Conservation District board of directors meeting, 8 p.m. in Room 207 of the Lebanon County Municipal Building.

Adams County Fruit [Continued on Page 31]



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= 1.6¢ PER OZ.		= 1.0¢ PER OZ.
2½ OZ. PER HEAD PER DAY		5½ OZ. PER HEAD PER DAY
× 1.6¢ COST PER OZ.		× 1.0¢ COST PER OZ.
5½¢ COST PER HEAD PER DAY		4¢ COST PER HEAD PER DAY

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PHONE: 717-442-4632 or 717-442-4183
PARADISE, PA. 17562

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PHONE: 717-264-6148
CHAMBERSBURG, PA. 17201

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IRA B. LANDIS
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BOX 276, RD3
MANHEIM, PA. 17545

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RHEEMS, PA. 17570



WEST WILLOW FARMERS ASSN., INC.
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WEST WILLOW, PA. 17583

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PHONE: 717-866-2324
RICHLAND, PA. 17087

UMBERGER'S MILL
PHONE: 717-867-5161
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W.E. MANIFOLD & SONS
PHONE: 717-382-4805
FAWN GROVE, PA. 17321

LEHMAN FEED STORE
PHONE: 717-528-4151
YORK SPRINGS, PA.

Tips offered to improve breeding

By DIETER KRIEG
LANCASTER — In attempting to remove the placenta from fresh cows, one must be extremely careful, cautions Dr. Robert Gutzwiller, whose veterinary practice is limited to bovine reproduction. Sometimes it's very difficult or even impossible to get uterine infections cleared up. It may take months.

Speaking to groups of dairymen in the County last Spring, the well-known veterinarian offered advice and suggestions on how dairymen might be able to improve their breeding records.

Heavy infestations of lice, for example, will cause a lot of stress on cows. Cows may become anemic as a result of it and that "can really foul up breeding programs,

production and waste a lot of feed," says Gutzwiller. Cows will stand to be mounted just to get some relief from the itching. A tell-tale sign of lice infestation is the bare tailhead - one from which hair was rubbed off very easily without skin abrasion. "Even a pregnant cow will stand if she has an itchy tailhead," Gutzwiller commented.

The Lancaster County veterinarian believes it's almost impossible to know when a cow is to be bred by just turning the herd out once a day. "You really have to watch for other signs too," he suggests. Not only are individual cows different, but heat periods of the same cow may differ. He urges dairymen to pick a quiet time when they're watching the herd for signs of heat.

The environment can be a real factor in heat detection. Cows are afraid to mount, for example if floors are slippery. The effect of lice has already been mentioned. Another factor is the place the cow is bred. A quiet, cool place may improve settling rates, Gutzwiller points out. Also, make sure you don't have the cow tied directly behind a post. "If the cow is in a difficult place to breed, it will pay you dividends to help the inseminator by putting the cow in a place where she can be bred more easily," the veterinarian continued.

A discharge after calving is completely normal, Gutzwiller lectured. During the first week it's bloody, after that it's white. Most cows will clear up after three weeks if they're in really good condition. "I can't see

putting a lot of boluses into a cow just because of a discharge - you could do her more harm than good," says Gutzwiller, adding that foreign organisms could be introduced into the uterus each time medication is administered.

A dairyman who is having trouble getting his cows bred is advised to try breeding them a little earlier than he normally would because he can't afford to miss too many heat periods. Another suggestion Gutzwiller has for problem herds is to keep a cow around which seems to be really good at catching other cows in heat. Even if she's not a good producer, she could be worth keeping for heat detection purposes.

According to Gutzwiller, cows are much more resistant to infections during heat than at other times.

Infections may be stirred up if the cows aren't actually in heat.

Stressing the importance of good breeding records, the Lancaster County veterinarian urges they be used as a management tool to improve breeding efficiencies. A farmer may want to alter the breeding pattern on problem breeders since that helps sometimes, Gutzwiller suggests. If breeding to a low fertility rate bull (it's not recommended) then breed later to increase the chances of the sperm being alive at the time of ovulation.

"Accurate and consistent records are very good, but too often things are written up and not checked on afterwards anyway," Gutzwiller observes. He says there is no set rule for examinations since cows and



Dr. Robert Gutzwiller

farmers are individuals and problems vary from place to place. An observation he makes with a high degree of finality is that "no cow is safe with calf."

**TRY A
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Livestock market

St. Louis Cattle

June 2, 1977

Receipts this week 6600;
Week ago 7600; Year ago
7200

As compared with the previous week's close, slaughter steers and heifers weak to 1.00, mostly .50-.75 lower. Cows firm to .50 higher. Bulls steady. Supply mainly mixed good and choice 2-4 1000-1150 lb. steers, 30 per cent heifers and 10 per cent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1225 lbs. 40.75 early, not tested late. Load Choice 2-3 1075 at 41.00. Bulk Choice 2-4 950-1300 lbs. 39.00-40.50, closing 39.00-40.00. Several loads 3-4 1150-1350 lbs. 39.00-39.50 early. Mixed Good and Choice 2-4 900-1250 lbs. 38.00-39.50. Good 2-3 35.50-38.50. Few loads and lots good 2-3 1100-1250 lb. Holsteins 35.50-36.00. Standard to Good 2-3 1100-1275 lb. Holsteins 33.00-35.50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1025 lbs. 38.00-38.75, few closing sales at 38.00. Choice 2-4 800-1050 lbs. 37.00-38.50 closing 37.00-38.00. Mixed Good and Choice 2-3 700-1000 lbs. 35.50-37.50 good 2-3 32.50-36.00.

COWS: Utility and Commercial 2-4 25.50-27.50. Boning Utility 1-2 27.00-27.50, few 28.00. Canner and Cutter 1-2 23.00-26.50. Low Dressing Canner 20.00-23.50.

BULLS: Yield Grade 1-2 1000-1700 lbs. 30.00-33.00, Yield Grade 1 1400-1800 lbs. at 34.00.

FEEDERS: Including around 1400 at Thursday Auction. Feeder Steers steady to 2.00 lower. Feeder Heifers 2.00-3.00 lower. Demand Moderate. Supply mostly Good and Choice 400-800 lb. Steers and 400-700 lb. Heifers.

FEEDER STEERS: Choice 300-500 lbs. 41.00-43.00; 500-600 lbs. 39.00-42.75; 600-700 lbs. 38.50-41.00; 700-800 lbs. 37.50-39.50. Few lots fleshy 800-950 lbs. 38.75-39.50. Mixed Good and Choice 350-600 lbs. 37.00-39.50. Good 375-600 lbs. 32.00-36.00.

FEEDER HEIFERS: Choice 350-500 lbs. 33.50-37.00, Mostly 34.50-36.00; 500-700 lbs. 33.50-36.25. Mixed Good and Choice 300-600 lbs. 31.00-33.75. Good 300-550 lbs. 27.00-31.00.



Dairy promotion plan okayed

NEW YORK, N.Y. — A plan whereby dairy farmers contribute money for milk promotion activities of the American Dairy Association and Dairy Council of New York, Inc., was again approved last week by Thomas A. Wilson, market administrator, New York - New Jersey Milk Marketing Area. These milk promotion activities include advertising, nutrition education, publicity for dairy products, marketing and product research, and informational services.

Noting that New York State has a mandatory milk promotion plan, the market administrator stated that no dairy farmer will be subject to deduction under this program if he is making mandatory contributions under a state plan.

Wilson said that today's action allows handlers regulated by the marketing orders to send "positive letters" to their dairy farmer suppliers.

A dairy farmer who receives a letter will be considered to approve for one year deductions of five cents per hundredweight from his monthly milk

checks, unless he notifies his handler in writing that no deduction should be made.

Moneys deducted from payments for milk delivered on or after June 1, 1977, will be paid directly by the handler to the American Dairy Association and Dairy Council of New York, Inc.

The market administrator explained that participation is voluntary for both handlers and producers, and a participating producer may have deductions stopped at any time by notifying his handler. A producer who does not want to participate and who receives no letter need not notify his handler since no deductions will be made.

In approving the plan for the coming year, Wilson pointed out that there has been no substantial opposition to the use of the positive letter procedure by producers.

Use of the positive letter approach was requested by Dairyalea Cooperative Inc., Eastern Milk Producers Cooperative Association, Inc., and Northeast Dairy Cooperative Federation, Inc.



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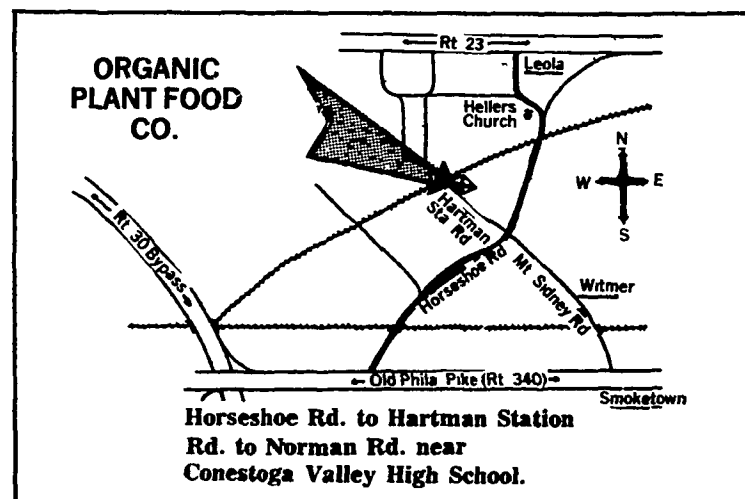
Occupation _____ Age _____ Acres Farmed _____ Corn Acres _____

Dairy Farmer ☐ General Farmer ☐ Corn Grower ☐ Student ☐ Advisor ☐ Seed Dealer ☐ Feed Dealer ☐ Machinery Dealer ☐ Fertilizer Dealer ☐ Other ☐

IMPORTANT NOTICE!

A public meeting to be held on Wednesday, June 8, 1977 at 7:45 P.M.
at the Organic Plant Food Co. located at 2313 Norman Rd., Lancaster PA
to discuss the merits of SPARK growth stimulant on corn.

- Fixed wing aerial application exhibition
- Up-to-date SPARK information presented by Mr. James Brown, Helena Chemical Representative
- Presentation of Lancaster County data



INCREASED PROFITS FROM EVERY ACRE OF CORN?

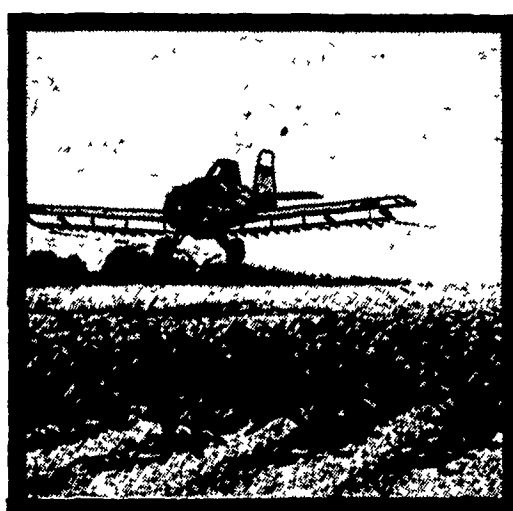
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REMEMBER — TIME OF APPLICATION IS CRITICAL!

*Average of Eleven Lancaster County Checks

Lancaster Co. girls

[Continued from Page 1]

of milk that day. A Cow will be there to show the public just where the milk comes from.

All local contestants will be meeting with a beauty consultant prior to their Mall appearance and the contest so they will be at their best as they represent Lancaster County's largest agriculture industry.

Contestants are:

Margo Joy Armstrong, 17, the daughter of Mr. and Mrs. Joan Armstrong and Hugh Armstrong, New Providence R1. Margo is completing her junior year at Solanco Senior High School and plans to go into the Navy upon graduation. She is a member of the Explorers club, the Future Farmers of America and the state FFA chorus. She was in the school musical and played field hockey, and is vice-president of the Rawlinsville United Methodist Church youth group. Her family has a mixed herd of 20 Ayrshires and Jerseys.

Seventeen-year-old Sheryl Bollinger is the daughter of Mr. and Mrs. Warren Bollinger, Lititz R4. She is completing her junior year at Ephrata High School where she served as secretary of the Cloister Future Farmers of America and will be their treasurer next year. She is a member of the FFA dairy judging team. As a member of the Lancaster County 4-H Holstein Club and the Lancaster County Junior Holstein Club, Sheryl owns four cows and four heifers. She also belongs to the Ephrata 4-H Supersonic Sewers Club and serves as their news reporter, and is a member of the Ephrata Community 4-H Club, and the Ephrata 4-H Veterinary Science Club. At school she is a member of the Future Business Leaders of America and the Pinochle Club, and she is active in the Middle Creek Brethren Church youth group. Her parents own a herd of 50 Holsteins.

Twila Brubaker, 17, is the daughter of Mr. and Mrs. Harold Brubaker, Manheim R2. She is graduating from Manheim Central Senior High school and will be training as a licensed practical nurse at Willow Street Vo-Tech School. Twila was in the homecoming queen court, was November Girl of the Month, is a member of the Future Homemakers of America, is on the yearbook staff, was grappling girl and played powder puff football. She is active in Erisman's Mennonite Church youth fellowship and was alternate dairy princess last year. Her parents have 95 registered Holsteins.

Seventeen-year-old Linda Coates is the daughter of Mr. and Mrs. Howard Coates, Nottingham R2. She is completing her junior year at Solanco High School and would like to attend college for physical therapy. In school she was in the drama club, chorus, student senate, National Honor Society, explorer club. She also participated in school musicals. She is a member of the Guernsey 4-H club and the 4-H County Council. Linda is a member of the Wakefield Ambulance crew, the Fire Company auxiliary and the ambulance

auxiliary. She is active in activities at the Eastland Friends Meeting in Little Britain. Her parents own 65 Guernseys.

Martha Gregory, 17, is the daughter of Mr. and Mrs. Robert E. Gregory, Lititz R1. Martha is a junior at Warwick High School, and is a member of the concert and marching band, the orchestra, the Warwick Chapter of the Future Farmers of America. She is also a member of the State FFA band, the Lancaster County Symphonic Band, the Badminton Club, the Broken Bit 4-H Horse Club, the Brickerville Community 4-H Club and the Lancaster 4-H County Council. As a

member of the Lancaster County 4-H Holstein Club she owns three red and white Holsteins.

Nineteen-year-old Linda Kauffman is the daughter of Mr. and Mrs. Robert Kauffman Elizabethtown R1. She graduated from Elizabethtown High School in 1975 and plans to attend Ecola Hall School for nine weeks in the fall. Linda has been named the 1976 Distinguished Junior Member of the Pennsylvania Holstein Association and is vice-president of the Lancaster County Junior Holstein Club and the Pennsylvania Junior Holstein Club. She is a member of the Lancaster County Holstein Club's junior committee and was active in the Lancaster County 4-H Holstein Club. She is a staff member of the

Congregational Bible Church's youth center and is a member of the girl's softball team at church. This Winter Linda spent two months in England doing mission work. She also teaches Bible School. The Kauffman's milk a herd of 30 registered Holsteins.

Ellen Louise Schmuck is the daughter of Dr. and Mrs. Larry Schmuck, Peach Bottom R2. She is 18 years old and will graduate from Solanco High School in June. She is in the school chorus and is a member of the Ayrshire, Jersey, Brown Swiss 4-H club, owning three cows. Her parents milk a mixed herd of about 35 cows. A member of Calvary Independent Church, Quarryville, Ellen is a member of the choir, and the church youth group. She also teaches junior church.

Susan Lynn Skiles, 17, is the daughter of Mr. and Mrs. Kenneth A. Skiles, Narvon R2. She is graduating from Pequea Valley High School and will attend Lancaster General Hospital School of Nursing. In school she was a member of the chorus, band, county chorus, county band, regional and district chorus, dance band, the Chambersingers and performed in "Fiddler on the Roof." She played field hockey, was yearbook editor, and was on the National Honor Society. Susan was her FFA Chapter sweetheart in 1976-77, and is vice-president of the Lancaster - Lebanon Governor's Youth Traffic Safety Council. She is president of the Parkesburg Baptist Church youth group, is a junior deaconess, and sings with the gospel group,

"All God's Children." Her parents own a herd of 20 Holsteins.

Eighteen-year-old Vickie L. Warfel is the daughter of Mr. and Mrs. George Warfel, Quarryville R1. She will graduate from Solanco Senior High School this year and plans to farm with her parents. Vickie was a member of the Future Farmers of America for two years and served as secretary and vice president of the chapter as well as secretary of the Lancaster County FFA. She received the Star Red Rose Farmer and Keystone Farmer awards. She played with the Solanco band for four years and was a member of the softball team. She is active in the Chestnut Level Presbyterian Church and

[Continued on Page 26]

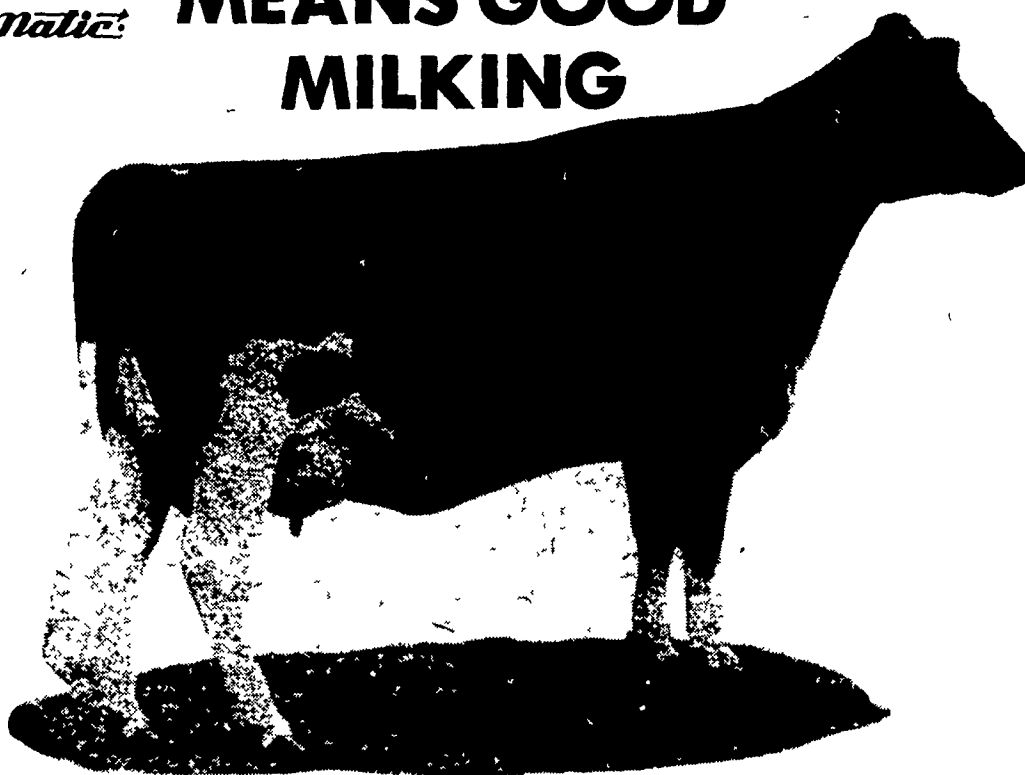


WE SALUTE THE DAIRY FARMER

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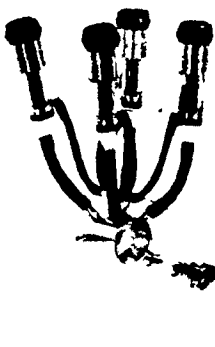


MEANS GOOD MILKING



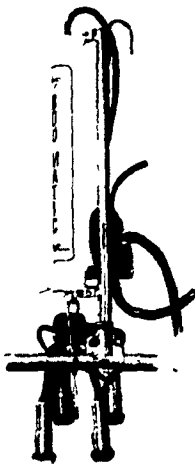
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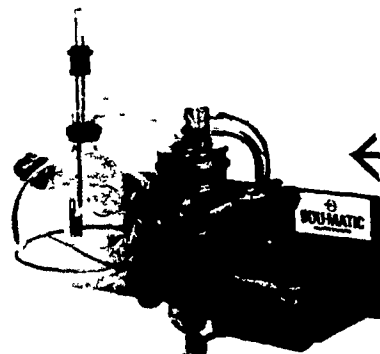


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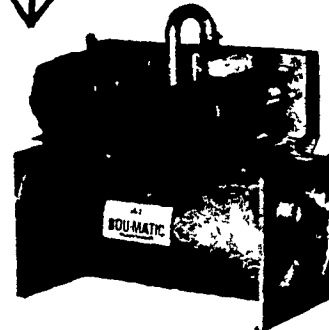
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Solanco

(Continued from Page 1)

Dairy Judging Contest that year. In 1976 at the All-American Show in Harrisburg, high individuals for two breeds were from Solanco and the Solanco team placed sixth in the invitational contest. The team had placed fourth during FFA Week to qualify for the invitational. This Spring, placings at the Penn State Exposition included first place all-over team, first and third placed teams for reasons, second placed boy and second, third, and fourth placed individuals for reasons.

Solanco's Dairy Judging Team advisor, Dr. William Fredd states the club is successful because its members are persistent. They see and judge a lot of cows and work hard at improving their use of dairy type terminology. According to Fredd, young people with real determination to be students of dairy type can become successful judges.

A student who is especially interested in dairy animals, Dave Bitler, had read an article in Hoards Dairyman about a dairy club and suggested Steve Leiser, one of his teachers, that Solanco start a club of its own. After Bitler's suggestion, the first Solanco Dairy Club formed during the 1970-71 school year with Leiser as its advisor.

Fredd, club advisor for the past five years, says the teaching program for the club has evolved to give the members plenty of exposure to judging dairy animals locally as well as in several states in the north-eastern section of the United States.

"Each year the club gets down to work after the Farm Show," says Fredd. From mid-January through mid-March, the club goes out to local herds for evening judging sessions. This year they judged at nine herds during that two months' time span.

The first two judging sessions are held at farms

within a few miles of the school so that after the judging is completed, the club members can return to the school where experienced members are paired with new ones to help the beginners write out reasons, stressing correct terminology and good logical explanations. Fredd points out that written reasons are soon de-emphasized after the basic format has been grasped by the new members. A judge should picture the animal in his mind and give reasons from that picture rather than memorize a list of written reasons, according to Fredd. He advises taking brief notes, organizing properly and using correct terms but not memorizing.

After a practice session or two, the individual scores are recorded and posted in the ag room at the high school.

"There is a great deal of interest generated by this. The members are competitive and want to improve their standing," he explains. "The club is open to anyone who is keenly interested in dairy judging; members do not have to belong to FFA, but when we select for the FFA Week, of course, only FFA members are eligible."

After the eight to 10 training sessions are over, usually in late March, the club members who have attended 80 per cent of the meetings are eligible to participate in the Spring dairy club tour. During the tour which is three or four days long, the club packs sleeping bags and food supplies into vans and trucks and travels to farms with outstanding herds representing all breeds. The purpose of the tour is to see and visit a number of outstanding dairy farms, see outstanding dairy cattle, and to become proficient dairy judges, capable of giving a good set of reasons.

In four days this Spring, the sixteen club members judged at nine different farms in eastern Pennsylvania and New



The 1977 dairy judging teams from Solanco High School who attended the Penn State Dairy Exposition are: (first place team seated left to right) Mary Bitler, Bruce Kreider, Tom Kirk, and

Sandy Schmuck. Standing is the second team from Solanco, which placed third in reasons. They are (left to right) Tina Bucher, Tim Hanks, Jeff DeLong, and Mike Rhoads.

York. When distance between farms permitted, the club judged a different herd each morning, afternoon and evening. If a student remains in the club for three years he will see herds from Virginia, New Jersey, Maryland, New York as well as Pennsylvania.

Scores are recorded from the Spring trip sessions and after the tour, the club membership is cut to twelve. Three more workouts are held locally and the club is reduced to eight members who make up the two teams which go to the Penn State Exposition. Based on results at the Expo, the team is then chosen for FFA Week competition.

"It's not that our boys or I should say members (about one-third are girls) are so much smarter than other teams. It's just that we work harder and see a lot more animals than do many other clubs," Fredd explained. "It takes a lot of time to study and practice. We wouldn't be

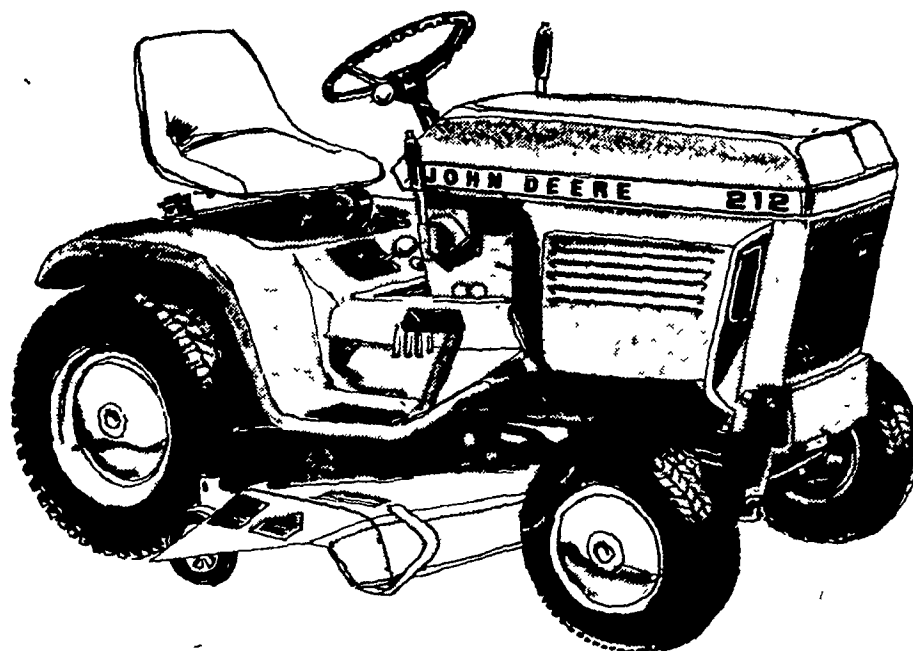
able to have so much experience if it weren't for local and regional dairymen who allow us to come to their farms to practice judging." It also takes parents who are willing to allow their children to devote so much time to this.

"There is a direct carryover to the people in

our community," this advisor explained. Some members go on to develop good herds of their own, others continue higher education in this field out of interest generated by the club and all members get a preview or overview of the dairy industry in the eastern United States, he added.

Solanco Dairy Club's success depends on determined students, willing parents, cooperative host dairymen, locally and regionally, and a well-organized program offering plenty of practice and stressing learning and constant improvement.

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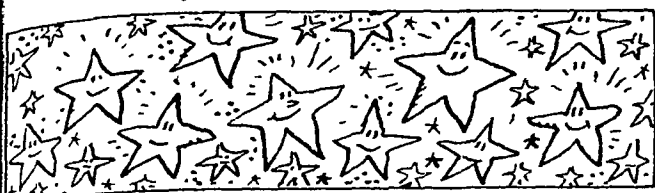


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Kempton Fair begins June 17

KEMPTON, Pa. - The Kempton Country Fair will extend its state sanctioned tractor pull competitions over two evenings of its 23rd

annual three-day event June 17-19.

The Kempton Fair's tractor pulling contest drew a significant increase in numbers of entries over prior years when they were held under the sanction of the Pennsylvania Tractor Pullers Association for the first time last year. According to a spokesman for the Country Fair, this year's contest, which will include state sanctioning of farm tractor events in addition to the Class B modified and super stock, is expected to draw even greater numbers of competitors from all over the state. To accommodate them, fair officials have set aside Friday and Saturday for the tractor pulls scheduled to get under way at 7 p.m. each evening.

The fair is sponsored by the Kempton Community and Recreation Center and will offer family entertainment features such as a Jeep rodeo, All Terrain Vehicle races, fashion shows, baking contests and amusement rides for children.

Two familiar figures from the famous Jamboree U.S.A. Country Music Show in Wheeling, W. Va., will team up for an opening night presentation of "The Best of Country Music." Bob Gallion, a regular member of the Jamboree dubbed "Mr. Showman" in the business, will combine his many talents with the lovely country stylist, Patti Powell, a featured Jamboree star who has hit the national charts with "Long Hawl Widow" and "Not Once but a Hundred Times." The attractive duo are expected to stage four Friday night shows at Kempton.

Dottsy, a beautiful up-and-coming young singer who already has to her credit the top ten record "Storms Never Last" and an RCA

album "The Sweetest Thing" will be making three appearances on Saturday. Ken Lightner and The Playboys (WIOV radio) will also perform during the Fair's second day and night; and The Northwesterners, a quartet from Upper Lehigh County who perform regularly on WHOL radio, will complete the Saturday bill with two scheduled appearances.

Gene Watson, the hot new singing sensation from Texas, will be backed by Steve Lake's Swingmasters for four Sunday performances. Gene is the Capitol recording artist working out of Nashville who rose to fame with "Love in the Hot Afternoon," "Where Love Begins," and most recently "Paper Rosey."

The country music shows will be held in the Kempton Community Center's modern stage complex with covered seating, and the entertainment will be included in the price of general fair admission.

The Kempton Fair will also feature a number of other attractions designed to appeal to the entire family. The Great Erick, known as the Golden Boy on the Highwire, will be making his first appearance in Kempton since 1967; and popular annual events will include the selection of the Pennsylvania Dutch Queen. Saturday is traditionally Children's Day at Kempton Fair with reduced rates on amusement rides, and the All Terrain Vehicle race will again be a major Sunday afternoon attraction.

Kempton is located on Route 143 five miles north of Route 22 from Lenhartsville Interchange and on Route 737 ten miles north of Kutztown.

A free brochure listing additional information may be obtained by writing the Kempton Country Fair, Box 42, Dept. B, Kempton, Pa. 19529, or by calling 215-756-6030 (during fair 215-756-6444).

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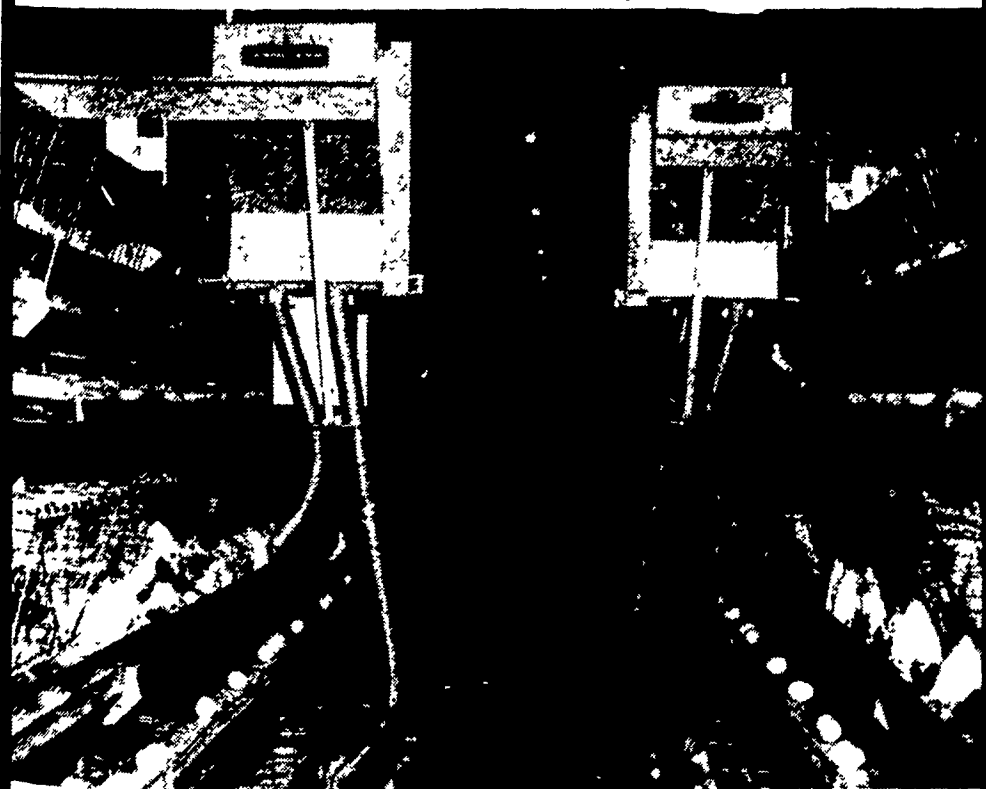
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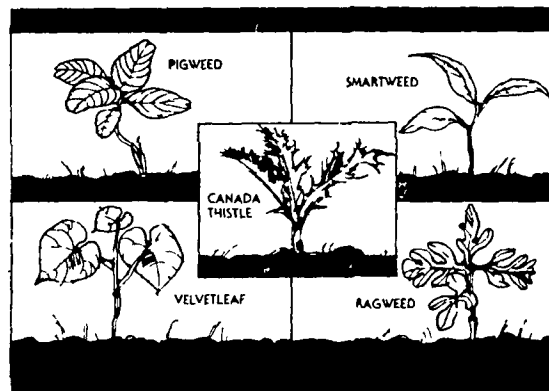
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Dairy farming still looks good after 60 years

By DIETER KRIEG
JARRETTSVILLE, Md. - When a dairy had surplus milk 60 years ago, there was a simple solution for bringing production back into balance with sales. The creamery merely kept the dairyman's cans, thus leaving him without the means to ship his milk.

Delaying or even entirely omitting payments was another way the dairies kept farmers on thin ice. "They'd really beat you," says 84-year old Ross Smith, who began dairying near this Harford County community in 1913.



Ross Smith

Happenings such as these eventually led to the formation of the Maryland State Dairymen's Association, a forerunner of Maryland Cooperative Milk Producers, Inc. Farmers were tired of being at the dairy's mercy. All across the country, milk producers were banding together to form marketing cooperatives.

Quality standards have changed just as dramatically, the veteran dairy farmer recalled. He remembers, for example, once seeing a cat trapped in a 200-gallon vat of cream. Sanitation was almost unheard of at both the dairy as well as the farm. Some farmers systematically added a gallon of water to every can of milk, Smith says.

With respect to today's standards, the octogenarian exclaims: "I don't see how they could have any

improvement on it." His youngest son, Ross Jr., who took over the home farm 11 years ago, milks by pipeline. Beginning next week, they'll be milking their 100 Holsteins in a brand new parlor.

"It pays to be particular for quality," emphasized the elder Smith, whose agility and alertness defy his true age. Having lived through situations which saw the dairy industry at its depths, he has high praise for modern dairying techniques which stress sanitation and quality. The role of the milk inspector is not overlooked. In fact, Smith is glad for them, admitting that without them many farmers would be less responsive to high standards. Smith considers high standards to be very important if a viable milk market is to be kept.

Back in the days when 15 gallons of milk represented a day's production from an average shipper, rather than from one exceptional cow, the farmer took care of his

own milk deliveries. In Smith's case, milk was hauled 1½ miles by horse and buggy to a creamery at Shawsville. The cream was separated and churned into butter. Skim milk went back to the farmer to slop his hogs with. There wasn't much need for fluid whole milk. Smith says, since most every family had at least one cow, "Bossie" provided them with milk and butter in the freshest sense of the word.

The Smiths milked around 20 cows back in 1913 when automation hadn't yet reached the farm. Their daily production of 15 gallons compared well with other operations of that era, just as their present output of more than 500 gallons per day from 100 cows is significant by today's standards.

Milk was sold for about \$1.50 per hundredweight, Smith recollected. With no feed to buy and a diversified farming operation including vegetables providing their livelihood, they made out alright. Now the 180-acre farm is mainly in corn and hay. Although the elder Smith was the state's top tomato grower 30 years ago, that phase of the operation has been abandoned since all but two of Smith's eight children chose to specialize in the dairy business. (See related story elsewhere in this issue).

As innovations marched on, the old 5-gallon cans were replaced by 10-gallon cans, and instead of the farmer taking his own milk to town, trucks came around to pick them up. When weather didn't permit the trucks to come through, farmers again resorted to hauling their own goods. In Smith's case that usually meant hitching the team to a sleigh and transporting the milk to the nearest railroad depot which was seven miles away. Train service in those days was hourly, the old gentleman reminisced, adding that it wasn't entirely

done away with until Hurricane Agnes ruined the trackbed in June of 1972.

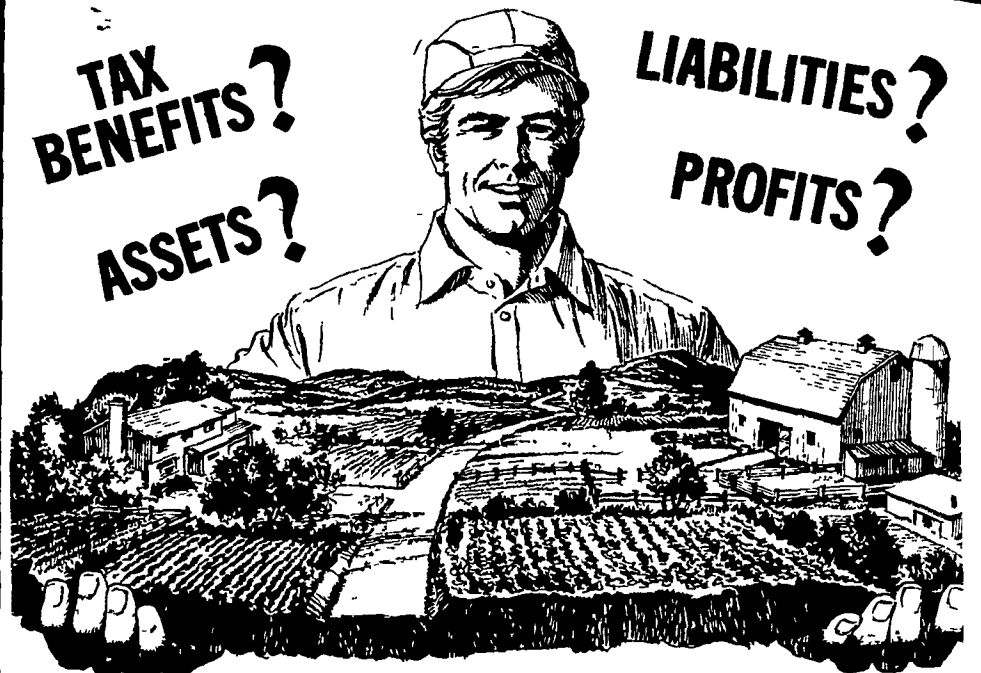
Dairying, like everything else, is in a much different stage now than what it was

when Smith was a young man. He has since turned the farm over to his son, and a third generation stands waiting in the wings. They've all encountered

different experiences. Their common link in this much changed world of dairying is that all are interested in milking cows, and they look forward to a bright future.

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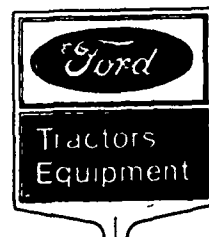
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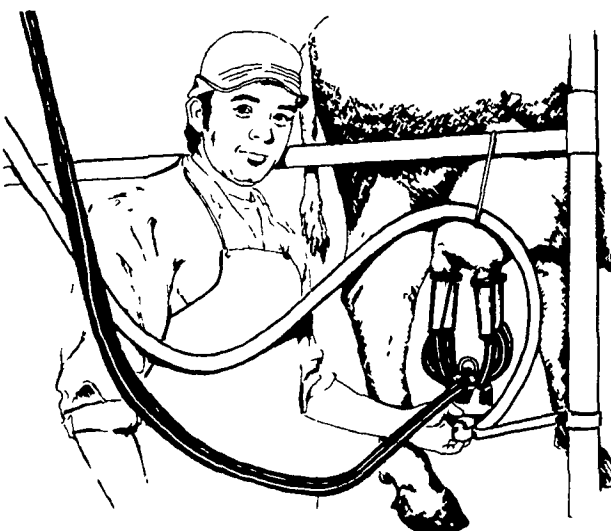
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Ice cream

(Continued from Page 1)

who has recommended that farm groups do all they can to stop FDA from implementing the new standards. He has personally telegraphed Pennsylvania's entire congressional delegation and notes that most legislators from rural areas favor his position. He

has also urged the Food and Drug Administration to refrain from going ahead with the proposal, but they're moving ahead despite his objections, as well as opposition from 28 other states. In addition, the National Milk Producers Federation has gone on record as opposing the new ice cream regulations. Their grounds for opposition are that the new standards will

allow sodium caseinate to be used in ice cream, and that could amount to plugging an outlet for American milk production. See Lancaster Farming's May 21 issue, page 1.

Caseinate is imported from Europe. According to Dr. Phil Keeney, Penn State, there's no reason caseinate — a skim milk derivative — can't be manufactured in this country. "It's just that

it's been more economical to produce other dairy products instead," the Penn State professor told Lancaster Farming.

Keeney sees no reason to be alarmed over the issue because the standard involving caseinate is just a small part of the entire issue. He sees a greater threat to the ice cream industry coming from the volumes of whey which may be allowed for use if the new regulations become effective. There are no limits to the amount of whey an ice cream manufacturer can use, according to Keeney, who is one of the nation's foremost authorities on ice cream. "If a guy wants to make a pretty lousy ice cream he can do it," Keeney admitted, "but he may not be able to sell it —

the real test will be in the market place."

According to both Keeney and a spokesman in the Bureau of Foods, FDA, the new regulations are not on quality. "They're standards of identity," said Richard Meyer, in a telephone conversation from Washington. Like Keeney, he sees the new regulations as nothing to be alarmed about.

The ice cream manufacturers association, favors the new standards, on the grounds it will allow them more flexibility. Keeney and Meyer both explained that the ice cream market could use a device which will allow for more competitiveness and incentive to experiment with

new products. According to Keeney, there's an awful lot of competition in the dessert market, which has kept ice cream sales lower than they could be.

Pennsylvania which ranks second in the nation in ice cream production, is known for its high standards. Meyer admits they've served as a model for federal standards. Shelhamer wants to keep the standards high, while also protecting the interests of ice cream manufacturers, dairymen, and consumers in the Commonwealth.

In addition to allowing a foreign dairy product to be used in the manufacture of American ice cream, the new federal standards will require complete labeling.

While Shelhamer and others see the new rulings as a threat to American dairy farmers, Keeney and Meyer claim the changes are too insignificant to have much, if any effect. Keeney does not expect the well-known brands of ice cream to include the cheaper ingredients.

At any rate, indications are that ice cream as we have known it will become more expensive.

Irrigation report available

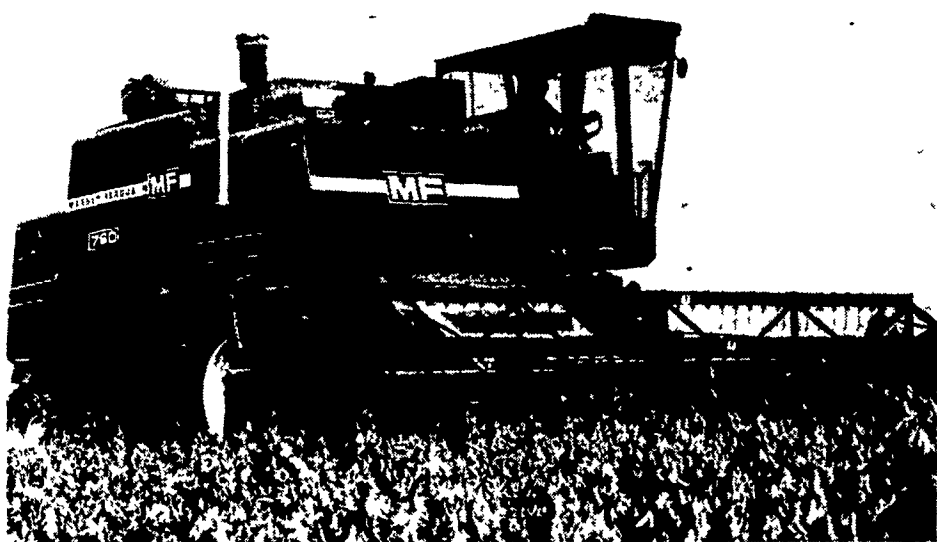
NEWARK, Del. - A study of the comparative costs of growing irrigated vs. non-irrigated corn in Delaware is now available for farmers considering a switch to irrigation. The report, "Irrigation: One Key To Producing Top Corn Yields; An Economic Report," was prepared by University of Delaware extension crops marketing specialist Carl L. German. It is based on information gathered from the operation of four center-pivot irrigation systems used on three lower Delaware farms during 1976.

Results of the report are limited because they are based on only one crop year's data. But German feels they show the potential for maximizing returns with irrigation.

Growers interested in obtaining a copy of this informative report should call their county Extension office in Newark, Dover or Georgetown. Ask for the irrigation cost report.

A man from Hamilton, Scotland, recently won an ice cream eating contest. He is reported to have consumed 50 scoops of ice cream in 16 minutes, after which he was treated for frozen tonsils.

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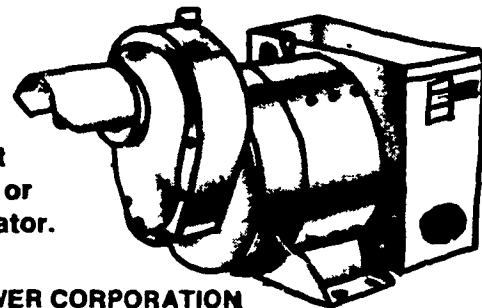
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KMMC

(Continued from Page 1)

of 1976, the group has grown out of the dairy advisory group set up by former Secretary of Agriculture James McHale. After the milk referendum went down in defeat, this group decided to search for a viable form of milk promotion for Pennsylvania. They discovered New Jersey's Garden State Milk Marketing Council, and patterned themselves after this group.

Basically, the goal of KMMC is to increase utilization of Pennsylvania produced milk, especially fluid milk and milk products, through carefully planned and coordinated promotional activities at the local level in all parts of the state. Keystone works closely with the American Dairy Association, the Dairy Council, and the New York State ADA.

According to Joyce Groff, Pennsylvania Department of Agriculture's dairy promotion supervisor, the KMMC has taken over the Pennsylvania Dairy Princess and Milk Promotion program formerly under the direction of the Pennsylvania Holstein Association out of State College.

Utilizing the dairy princess program and volunteer services across the state, the group is working on taking the national promotions to the "grass roots" level.

The program is set up with 44 county or local milk promotional committees around the state. Each committee has its own set of officers and chairmen. These county organizations are comprised of a gamut of dairy-related individuals from producers to Extension agents, who then carry on in-

store dairy promotions, shopping mall promotions, and other programs and events utilizing both the state and county dairy princesses to familiarize consumers with their product.

Acting as the central controlling organization for these 44 local groups is the Keystone Milk Marketing Council which seeks out and allocates monies for these county groups.

For instance, this summer KMMC will be giving \$200 worth of free promotional materials to each of the counties in the state which have a dairy princess program.

"I see this as seed money to help them get their promotions rolling so they don't have to initially spend this amount," states Miss Groff.

The funding for the organization comes from several sources. One is paid memberships — both individual and group. Individuals pay \$10 to become part of the group, and businesses are asked to contribute \$75.

Other sources of funds and assistance sought by the Council are Federal Orders 4 and 36, whose marketing areas encompass metropolitan Philadelphia and Pittsburgh. In addition, the council will be supported by the Federal Order 2 "positive letter" program covering counties in the north central and northeastern parts of the state; plus a similar voluntary deduction program in the remaining counties of the state covered by the Pennsylvania Milk Marketing Board.

The Pennsylvania Department of Agriculture will be offering assistance, although KMMC is an entirely separate entity of its own.

The Bureau of Markets has

assigned their full-time milk promotion specialist, Joyce Groff, to work closely with Keystone. In addition, the Bureau makes available other marketing specialists to provide needed types of expertise. Included is an exhibit and point-of-sale design specialist.

So, tying the specialists, the state and county dairy princesses, and county volunteers together, the KMMC is bringing dairy promotion to mostly everyone in the state.

"We've found that there has been a real absence of 'tying together' of the information and milk promotions around Pennsylvania," says Donald Duncan, Robeson, president of KMMC.

"The ADA promotions are national and the dairy Council aims for the major cities of Philadelphia and Pittsburgh, but nobody was really tying together the 'grey areas' not directly affected by the two," he explains. "We're not trying to take over for ADA or the Dairy Council," he stresses. "We're just trying to tie everything together."

Duncan also points out that a wealth of information and volunteer services are

4-H programs slated

WEST CHESTER - The Chester County 4-H program in cooperation with the local county libraries invites all youth ages 7 to 15 to a Summer workshop series. Each library has chosen one of the following workshops: "Fun With Insects," "Plant Some Fun", or "Fun To Eat and Be Fit", to be scheduled

for 4 special days during the summer months.

The libraries in the following areas will be offering the Summer

program: Coatesville, Easttown, and Malvern (Insects); Kennett Square, Oxford, Avon-Grove (Plants); Downingtown, Parkesburg, Phoenixville, Pottsville, Tretyffrin, Honey Brook, and West Chester (County library) (Fun To Eat and Be Fit).

For more information about time and dates call your local library or Jan Renner, at the Cooperative Extension Service 215-696-3500.

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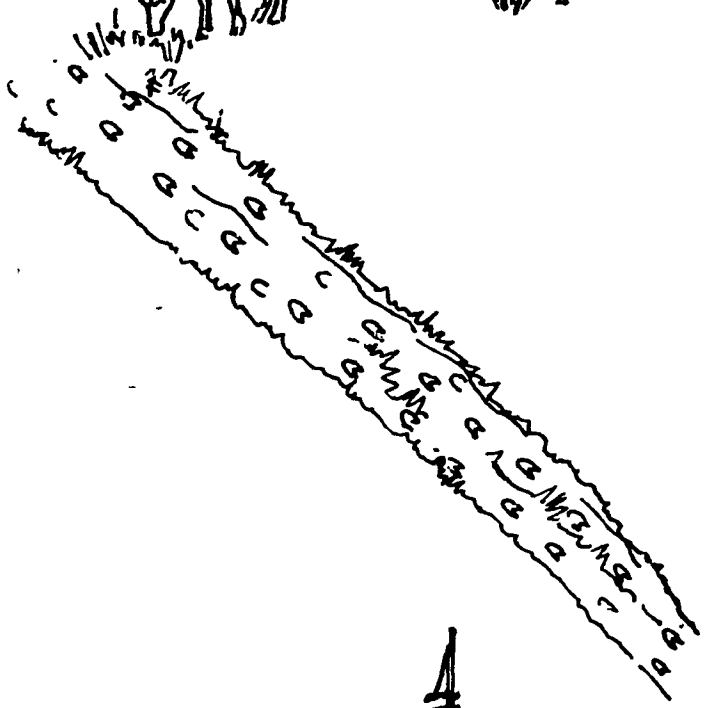
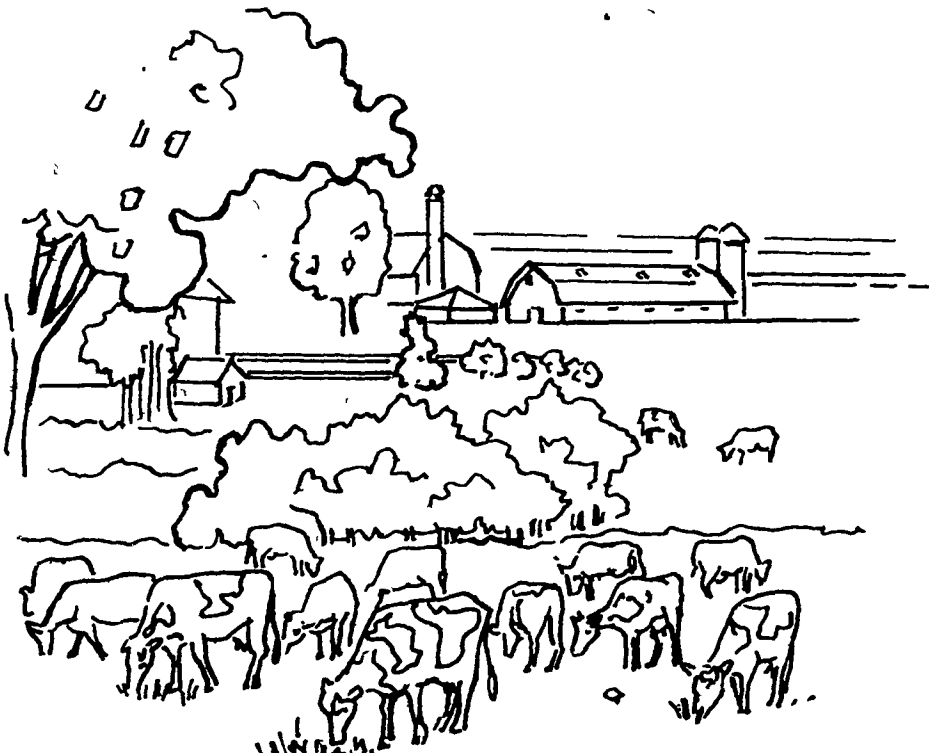
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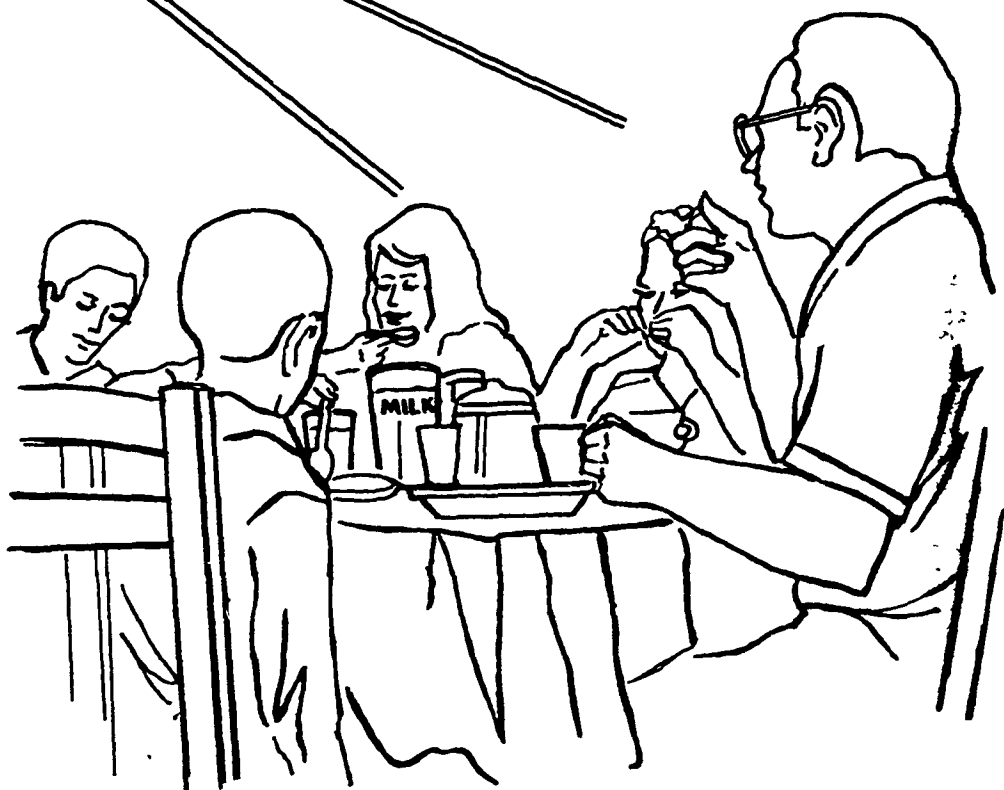




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4-H dairy project turned into a family affair

By JOANNE SPAHR
NEWMANSTOWN, Pa.—The Richard Heilinger family, Newmanstown R2, is a 4-H dairy family. And, as far as they can figure, their involvement all goes back to their eldest daughter, Susan, age 14.

"Well, I wanted a project that I could keep from year to year," reasons Susan. And, as far as she can remember, that is why she chose to start a dairy project in 4-H four years ago.

Coming from a 46 acre "variety" farm in Lebanon County, she had a wide range of animals from which to choose a project. But, she didn't want to get attached to a steer or sow and then have to sell it, so she went the dairy route.

Up until that time, the farm had only one cow which the family used for domestic purposes, but, today, they have built up their number of dairy animals to 26, five of which are milking. And, of those five, three belong to Susan and her sister Patti, age 12, as 4-H and FFA projects. Their brother Bruce, age nine, in his first year of 4-H with the ELCO Dairy Club, has a calf.

Even Richard Heilinger, their father, has caught the "bug" and hopes someday to own a herd of about 20 animals for himself. At present, he is a tinsmith working for a firm in Ephrata. After a normal day at work, he comes home and farms part-time. He also helps out with the ELCO Dairy Club, where he has been a leader for three years.

But, this is not where the family's interest in 4-H dairy ends. They also belong to the Lebanon Valley Dairy Goat Club. They have three crossbred goats on their variety farm, two of which they milk.

This is where the youngest child in the family, Karen, age 17 months, gets into the picture. "goat's milk," says Mrs. Heilinger (Jo). "She really does well on it."

In their involvement with the ELCO Dairy Club, the three children have different tastes in animals. Susan owns a Holstein and Patti and Bruce own Brown Swiss.

"She's smarter than I am," states Susan referring to her sister, "she never has

much competition when she shows."

Both Susan and Patti love to show their animals, and they especially enjoy the Lebanon Fair. They "practically take the whole farm" to that county farm show, as their mother says, pointing out that they take guineas pig, flowers stamps, chickens, rabbits, goats, and cows.

Susan has taken showmanship honors with her Holstein at the county fair, but Patti has garnered the highest acclaim with her two-year-old Brown Swiss. At the county roundup, she took junior champion honors as well as reserve grand champion. Then, she went on to district competition in Harrisburg and was again first in her class. And, finally, at the Junior All American, she was sixth.

As impressive as that record might be, her sister is quick to point out that Patti had only two in her class at the county roundup, compared to the stiff competition in the Holstein breed.

But, Susan keeps a stiff upper lip and looks toward the positive aspect of her showing experience.

"4-H really teaches you how to be a good sport," she points out with a big grin and a laugh.

4-H also teaches its members how to be leaders, as both Susan and Patti are finding out. Susan is the secretary in the ELCO Dairy Club and Patti is the news reporter. Susan is also the president in a third club the family takes part in—the Fort Zellers Community Club, where Mrs. Heilinger is also a leader. Patti is also news reporter for that club.



Bruce, Patti, and Susan Heilinger are all involved in the ELCO dairy club. Both Bruce and Patti favor Brown Swiss, but Susan likes Holsteins, as

evidenced from their choice of breeds for dairy projects.

4-H has also helped to guide Susan in the direction of a career. She says she wants to "go deeper" into dairy and eventually wants to attend Penn State University for agriculture. She's not absolutely positive of her future goals, but at this point she thinks she would like to be an ag teacher.

At ELCO High School she is a member of the Future Farmers of America chapter, where she earned the highest honor given a first year FFA member—the Star Greenhand award. She also has a Holstein as a project for FFA as well as hay and veal calves.

And, unlike some students and 4-H members whose animals are part of their father's milking herd, Susan and her brother and sister don't expect their dad to do all the milking for them. Until a few months ago, they milked their own animals by hand at night, but recently their father purchased a milker, so the process is more automated, now. But, they still do all the evening work. Since, they go to school in the morning, their parents do the a.m. chores.

So, the whole family gets into the dairy act, an involvement that all began with a 4-H project and has blossomed into a family affair.

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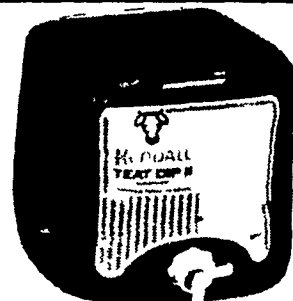
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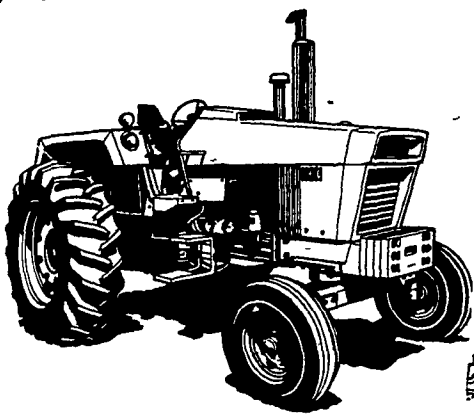
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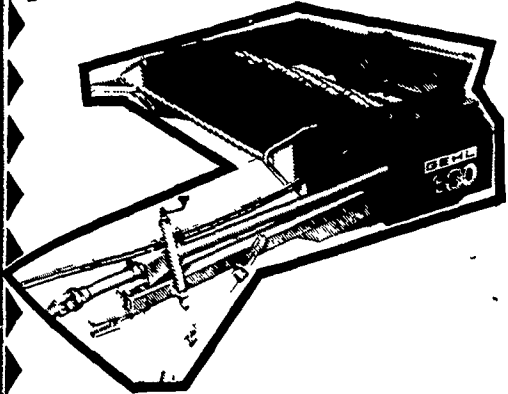
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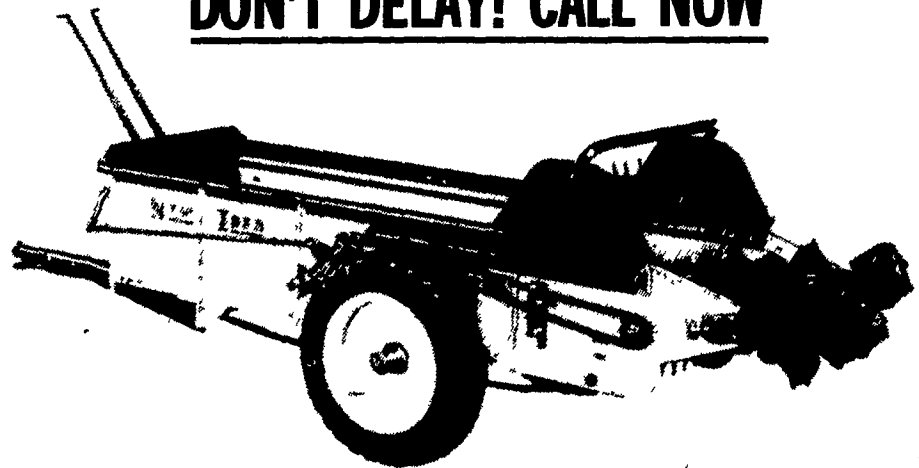


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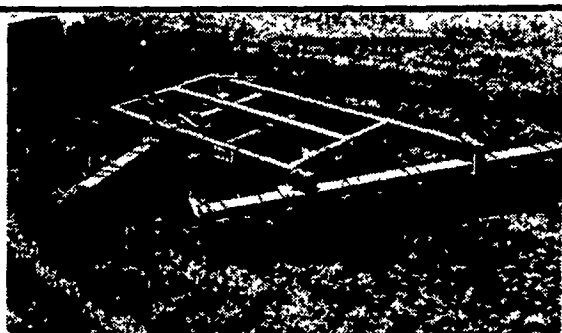


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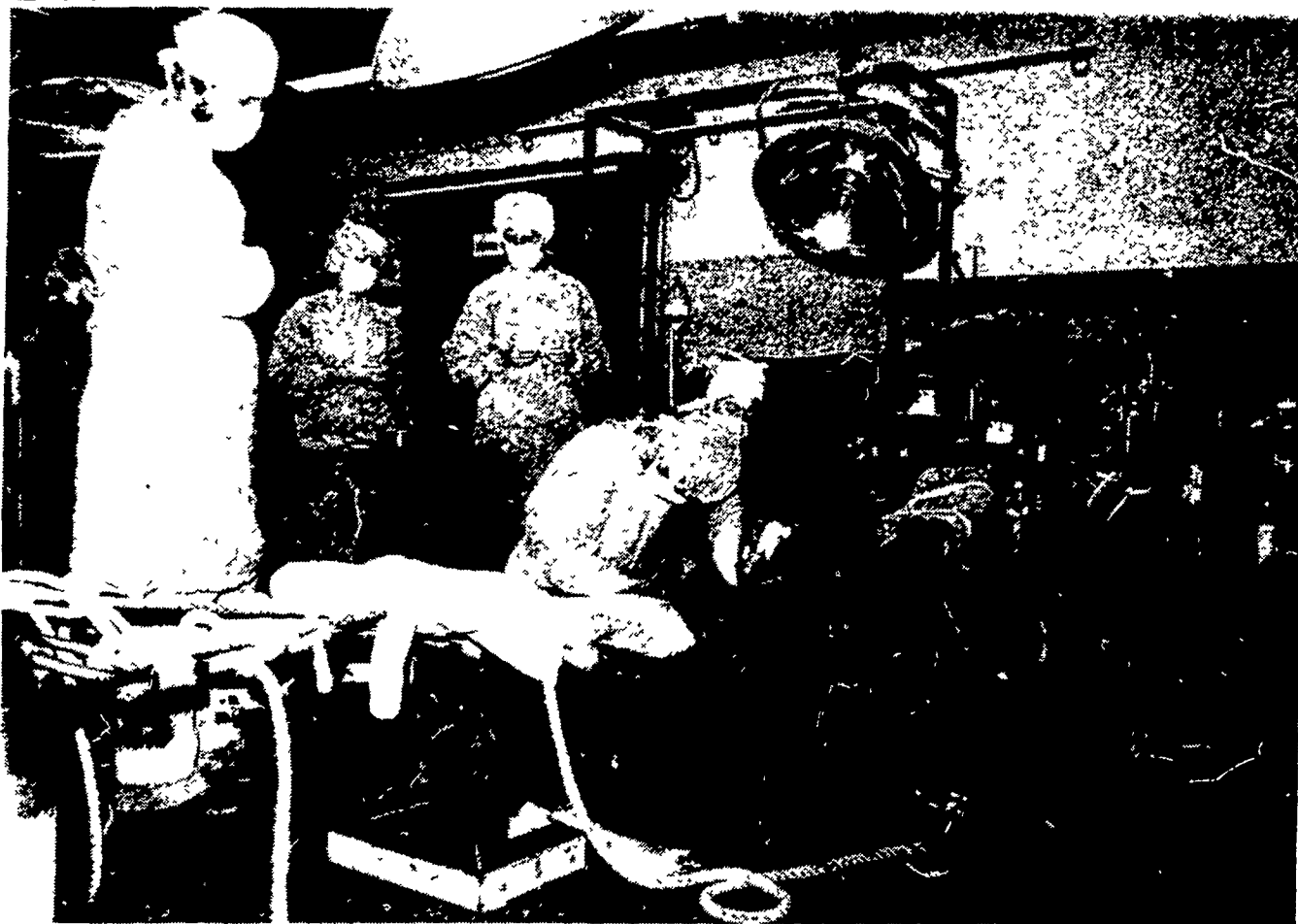
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Embryo transplants

(Continued from Page 1)

cow into normal heat, or if desired, into super-ovulation through the administering of a hormone known as Pregnant Mare Serum Gonadotropin. The resulting egg (or eggs, in the case of successful super-ovulation) are then fertilized with bull sperm. After a week or ten days, the tiny embryos are flushed out of the donor cow, collected, and finally surgically implanted into one or more recipient cows, depending on how many embryos were harvested originally.

It's a simple sounding procedure, but after 30 years of trials, it's still not perfected. Elementary as it may seem, it's actually a tricky operation, one which requires considerable patience, skill, experience and know-how. One minor mistake and the entire operation goes down the drain.

Dr. James Evans, who devotes much of his time to embryo transfer operations, explains the complexity in these terms:

"It's like a car's engine — simple in principle — but if one component is out of order, like the carburetor or gas tank, it doesn't work."

Take for example, the elementary requirement that heat periods of both the donor and recipient animals must be synchronized. It is not necessary for the recipient to be in heat at the time of the operation, but she must be in the same stage of her cycle as the cow which was bred a week or so before for the purpose of embryo transplanting. "It's

the closest you can come to having a cow produce a litter," says the bearded Evans.

Embryo transplants aren't for every cow or every farmer. Unless you know the resulting calf will be worth two or three thousand dollars, you probably wouldn't want to consider it. It's an expensive service, and recommended only for the best of bovines.

For those who feel they have a cow worth the effort and expense, it's a sure way of getting many more offspring than would be possible if Nature ran things entirely on its own.

The idea behind embryo transplants is to make use of more of a top cow's genetic material (eggs), as is already being done with bulls through the collection and artificial insemination of sperm. Every dairyman knows what A.I. has done to the industry. Researchers are now hoping to

make similar inroads with the other side of the bovine reproductive team.

Normal cows will produce one egg every three weeks. If fertilized successfully, it's a calf nine months later. But, as every dairyman knows, ovulation stops as soon as a cow is pregnant. Her genetic material can't be tapped again until at least nine months later. Here's where embryo transplants come into the picture. A week or so after that special cow is mated to the bull of the farmer's choice, doctors remove the embryo, place it into another cow or heifer, and await the production of the next egg. Hormones allow them to control both the timing and amount of ovulation. During the flushing procedure on Wednesday, for example, Evans and associates had successfully harvested three embryos.

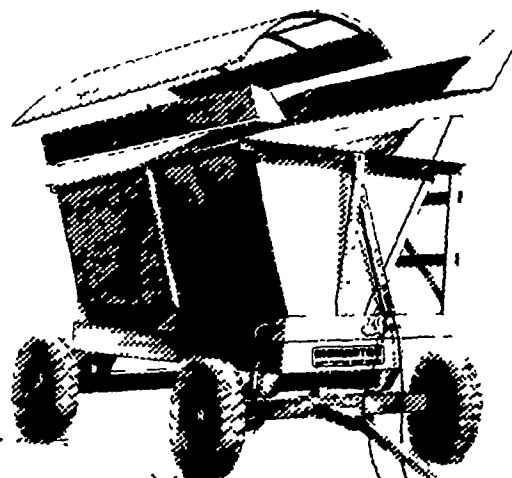
Even with just one embryo per heat period, it's theoretically possible to get 17 calves from one cow within a 12-month period. With several eggs being fertilized per heat period, the theoretical possibilities increase dramatically. Fifty calves per cow per year may be within the realm of possibilities in years to come.

But researchers here prefer to be conservative with their estimates. They realize that they can't successfully fertilize each egg, nor harvest the subsequent embryos and then transfer them by way of surgery. The national average is pegged at 3.2 calves, per super-ovulated procedure according to Dr. Evans, who expresses reservations about it. Although embryos have been transplanted for 30 or so years, the non-surgical procedure hasn't gained much acceptance until just the

(Continued on Page 29)

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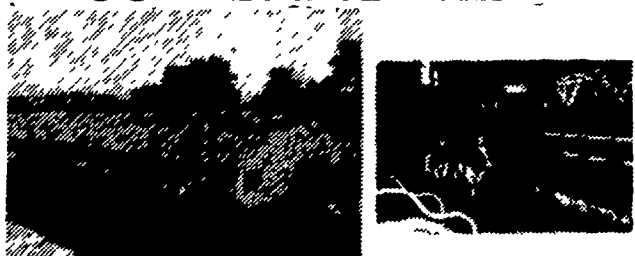
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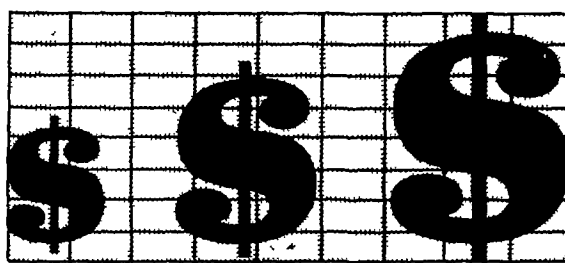
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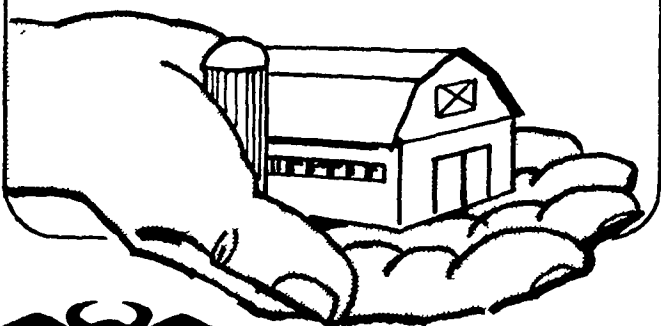
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Peggy Staub

(Continued from Page 1)

Peggy is the 1976-77 Pennsylvania Dairy Princess, and her role this year will be to work for the Pennsylvania Department of Agriculture, Bureau of Markets, in cooperation with the Pennsylvania Milk Marketing

Council in helping to promote milk.

"We'll be doing about 17 mall promotions and four or five television shows, along with attending milk cooperative meetings, county fairs, and state shows," Peggy enumerated. Mall promotions entail



Peggy Staub, 1976-77 Pennsylvania dairy princess, has a genuine knowledge about and concern for the dairy industry. She owns seven animals of her own, and chose her senior yearling, Sonia, to pose with for this picture.

setting up a stand, demonstrating products, and handing out brochures.

"Those are mainly consumer-oriented," she explained. On the opposite side of the spectrum, when she addresses producers, she will be stressing the importance of promoting the "nearly perfect product" - milk.

And, any time she speaks to a group she will always be trying to get them to drink more milk. That won't be hard for Peggy, because she, herself, is a big milk fan, saying, "We just guzzle it around here" (meaning at her home).

While the five day a week schedule of promoting milk will be a new experience for

Peggy, the actual work involved is something she has been doing for nearly a year now.

It all began on September 22, when she was crowned Pennsylvania's dairy princess.

"Being dairy princess was something I always thought I'd like to do, but when I participated in the contest, I never expected to win," she said openly.

"Then, when I won, I thought, 'Oh, no, what am I going to do now?'" Jokingly she adds, "Shortly afterwards I found out what I was going to do - work!"

And, she now also says candidly that at first she wasn't sure if she was going to like promoting a product to consumers, but that it didn't take long to find out that she really enjoyed her job.

"It's so exciting to promote milk," she says earnestly and with a sincere smile, "I'm really proud of the product because it really is the most nearly perfect food you can buy."

The "exciting" part, she says, comes in educating children.

"We'd take a cow into school, and we'd let the children touch it, then we'd tell them facts and figures, like how much a cow weighs, and how much it eats. Then, I'd show them the product," she explains. "That way, we could get them to associate where milk comes from."

Peggy is a firm believer that this type of promotion is very effective.

"Young children's minds are impressionable," she points out, "And, I don't think they're going to forget what we show them."

According to her, after each demonstration, she would stress to them that they should drink more milk and that they should get their parents to drink it also.

"I really think that works, because they were just so excited to take our pamphlets home to show their parents," she says. She has also gotten letters from the children after she's visited them.

"They're always so cute," she says with an easy grin, adding, "They're just so much fun to receive."

Peggy's Winter schedule consisted mostly of such elementary school visits, and banquet engagements. She attended milk cooperative meetings, farm-city banquets, and other county-oriented activities associated with her title as Cumberland County Dairy Princess, as well. At cooperative banquets, she always stressed the importance of promoting the product, because she really believes that promotion is an important aspect of marketing.

"If there's one thing I've become aware of during my reign, it's how necessary it is for us to drink our own product, promote it, and be proud of it," she states with conviction.

In her travels over the state, practicing just what she preaches, Peggy has come up with some clearly defined memories.

"Probably the most memorable promotion I had was at the Park City Mall in Lancaster," she recalls. There she took part in a milking contest for which the participants had to draw

[Continued on Page 27]

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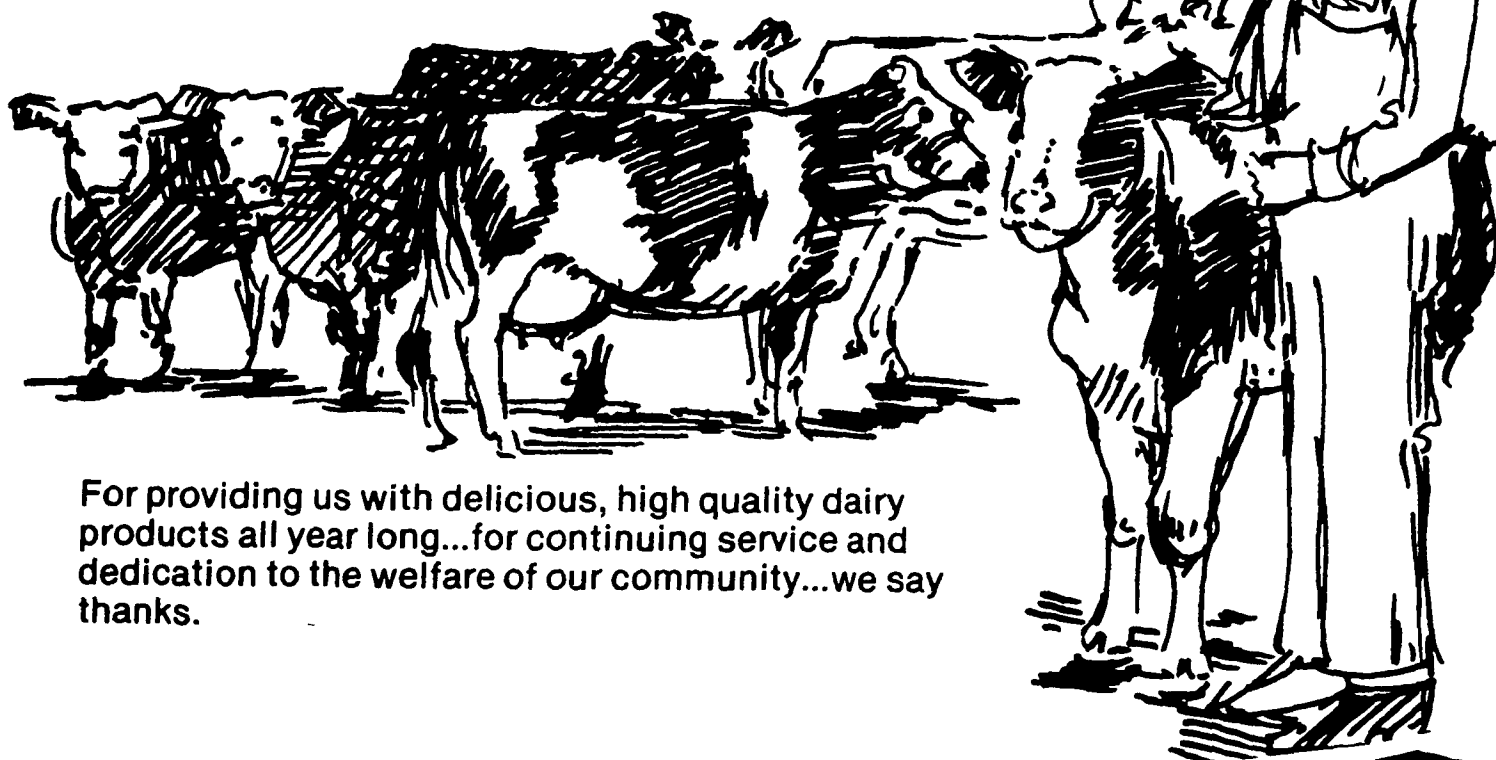
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Henry Keiter has always wanted to farm, even when his father advised him not to. With the help of his wife, Nancy, two children, and a brother-in-law, the Keiters operate 550 acres in Dauphin County.

Determination is paying off

By DIETER KRIEG
HALIFAX, Pa. - "Nope, I'm farming," Henry Keiter told his father 21 years ago after he had advised him to sell all of his farming gear. The young man was just 16 then, and determined to farm. He preferred that line of work to anything else and paid no attention to his father's advice.

Now, at 37, the Dauphin Countian owns 171 acres on three farms, and operates a total of 550 acres. He has a herd of 55 Holsteins, 45 of which are milking. But Keiter, who has varied interests, doesn't farm full-time now. A number of years ago he accidentally got started in dealing with used farm machinery. He now has his own trucks and uses them to deliver equipment, and haul hay, corn, and other commodities. Occasionally he pulls a load of oranges out of Florida.

With that kind of a schedule, Keiter obviously can't do all the farming himself, and he's quick to give credit to other members of the family - especially his wife, Nancy. She takes care of the milkings while Keiter is on the road. Sons Kenneth and Duane help too.

Both Keiter and his wife grew up learning to do their

share, Keiter proclaimed. There were six children in his family, 12 in his wife's. Everybody pulled his weight, or things didn't work out. He's been on his own since age 16 and after 21 years as a self-employed man says "it's not easy to make a living farming nowadays." He went into both trucking and farm equipment dealing because he's found those areas to be interesting and they help pay the bills. "It seems like you have to do something on the side to keep the payments going," he observed.

The equipment sideline got started when some other farmers asked him to be on the look-out for various pieces of equipment at Lancaster County auctions. Eventually it grew to proportions which has the self-made farmer and equipment dealer hauling machinery to all parts of the state and even neighboring areas. Getting his start with mostly horse-drawn equipment, his main line today is self-propelled combines.

Keiter prefers to use big equipment in his farming operations, claiming that it's the best way to go when there's lots of work to do and few people to do it. This

Spring he has his wife's brother helping as well.

Another management practice Keiter believes in strongly is air-tight storage of forage crops. He purchased his first Harvestore eight years ago, a second one in 1974, and depends heavily on both for high moisture corn and

haylage. That system has cut his feed costs substantially, Keiter claims. The 37-year old Keiter believes there's a good future in farming for anyone who can hang on during the rough times. He has every intention of doing just that he told Lancaster Farming. He has been at his present location for 13 years.

Lancaster Co. girls

(Continued from Page 14)

a member of their youth group. Her parents own 50 Holstein cows.

Linda-Jo Wood is the daughter of Mr. and Mrs. Jesse Wood, Nottingham R2. Eighteen-year-old Linda will graduate from Solanco Senior High School in June. In school she was a wrestlerette and a member of the Pep club. She is active in the Mechanics Grove Church of the Brethren and sang with their Sing Out group. Her family milks a herd of 46 Holsteins.

Tickets for the dairy princess contest will be \$5 and can be purchased from chairman Fred Crider, Brown Road, Nottingham, from the county Extension office, or from any of the

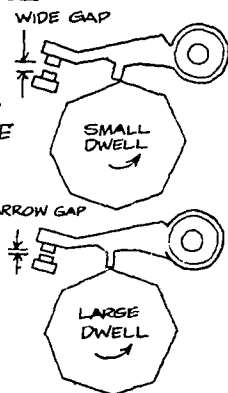
dairy princess contestants. Deadline is June 11.

Judges for the contest will be Mrs. Raymond Armacost, a Maryland dairyman's wife and mother of a former American Dairy Princess, Eugene Richard, American Bank, Myerstown; and Alfred Brandt, Lebanon County dairyman. Master of ceremonies will be Grover C. Gouker, Jr.



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Peggy Staub

(Continued from Page 25)

straws. She pulled the first try, and naturally, the cow wouldn't let her milk down midst all the confusion, so Peggy was left with about an inch of milk and a sheepish grin on her face.

"I thought to myself, 'Oh, boy, now what am I going to do?'" she laughs remembering the situation. But, she admits that she got through the embarrassment somehow and went on.

She says the most difficult promotions are the ones which she has grown to really enjoy - the elementary school jobs.

"It's difficult to stand on

your feet eight hours a day and tell the same story over and over again, but only for different age levels," she admits. But, then she adds, "I learned to like it, though, the same as I like almost all the work I do."

This Summer in her new job, she will be working closely with Joyce Groff, dairy promotion supervisor with the Pennsylvania Department of Agriculture, who has arranged all her promotions for her and who will go with her to the various events acting as her advisor.

Peggy, who lives with her parents on their dairy farm

about 45 minutes from Harrisburg, will be commuting to work every day, as she has done during the Fall, Winter, and part of Spring as a student at Shippensburg State College.

At Shippensburg, Peggy is a history major, and she participates in the concert and marching bands, as well as the girls' basketball team.

Her future plans are uncertain at this moment with two more years to go in school. She is certain of one thing, however, - she won't be running for another position such as the one she has now.

"Dairy princess is enough," she says, "I've never wanted to be anything else, so there won't be any 'Miss Cumberland County' pageants for me." She says there is a real difference between other pageants and this one.

"As dairy princess you can hopefully do some good for the milk industry, but with other types of contests you really don't."

Knowing that the county dairy princess pageants are coming up this month, Peggy offered a few words of advice to the aspiring teens.

"First of all, it's very important for the girls to be natural and to 'be themselves,' she points out, saying, "The judges will be looking for this quality in the contestants."

Secondly, she thinks that it is very important for the girls to have original demonstrations which they have created themselves. "Originality really helps," she says.

And, third, the girls should

always remember that they will be working with a good product and that they will be backing good, hard-working people like their fathers.

And, Peggy knows how hard her father, John H. Staub, works taking care of the 60 milking cows and 30 head of young stock in the barn. She knows because she helps.

"I mostly feed the calves and heifers," she says, admitting that she'd rather have that job over milking the cows, any day.

"Oh, don't get me wrong," she clarifies. "I don't mind the milking, it's just that I like this job better." She says she occasionally does pitch in and do the milking if the men are out in the field.

She also likes to show animals, and had her biggest win a few years ago with an animal called Ginger. Ginger was eighteenth at the Central National in Madison, Wisconsin, and tenth in the Eastern National. Ginger was also reserve All Pennsylvania Senior Yearling in 1972.

But, that's not where Peggy's outside dairy interests stop. Like any good farm child, she was a member of a 4-H dairy club for six years and in that time she took part in the 4-H judging team from Cumberland County. She aspired as high as seventh place in Pennsylvania in her 4-H dairy judging career.

At the present time, she has seven or eight dairy animals of her own, and is a junior member of the Holstein-Friesian Association.

And, as for her favorite dairy food, this Cumberland County native admits that the one she likes the most comes from Lancaster County. She calls it "milk and cracker pudding," but good Lancaster County Dutchmen know it

Eastern Polled Charolais field day slated for June 26

STATE COLLEGE, Pa. - The first Colonial Charolais Association sponsored Regional Field Day will be held at Ed Compton's Breezy Hill Acres Farm in Woodstown, New Jersey on Sunday, June 26, 1977. The Compton herd known as Compton's Log Cabin Charolais was established on the bloodlines of the foundation sire at Penn State University - M-M Rock. The herd is polled and the herd sires are all polled PRI-Golden Certified Meat Sires. The objective of the farm and the Charolais herd is to breed and select for superior meat-quality animals. All stock and produce raised on

the farm are evaluated at the firms parent headquarters, the famous "Compton's Log Cabin" restaurant in Audubon, New Jersey.

The program will begin at 10:00 a.m. with presentations on polled

genetic planning, bull power, veterinary herd health, and assistance programs available through the Agricultural Extension Service and the Soil Conservation Service. A bar-b-que lunch followed by an informal open house will round out the day. For further details contact the Colonial office or Compton's Log Cabin directly.

Egg wizard on TV

PARK RIDGE, Ill. - American Egg Board's Howard Helmer will make his second television appearance on the Dinah Shore program "Dinah!" on June 6 (in most areas - check your program listings).

In the 90-minute taping of "Dinah!", Howard appears in two segments. As Rock Hudson and Dinah watch, Howard helps Angie

simply as "cracker pudding."

She will probably be demonstrating how to make this recipe along with several other dairy foods in her travels during the upcoming Summer months.

It will undoubtedly be a busy Summer, but it will also be an exciting last three months in the reign of Peggy Staub, 1976-77 Pennsylvania Dairy Princess.

Dickinson show viewers that quiches are so simple to make, they can be created blindfolded. In a second segment, Howard discusses with additional guests which came first—chicken or egg—and whips up an egg and orange juice blender drink.

Howard's appearance on the network television show was arranged in co-operation with the California egg industry. And of course, the publicity value of demonstrating quick and easy egg dishes on network television is immeasurable.

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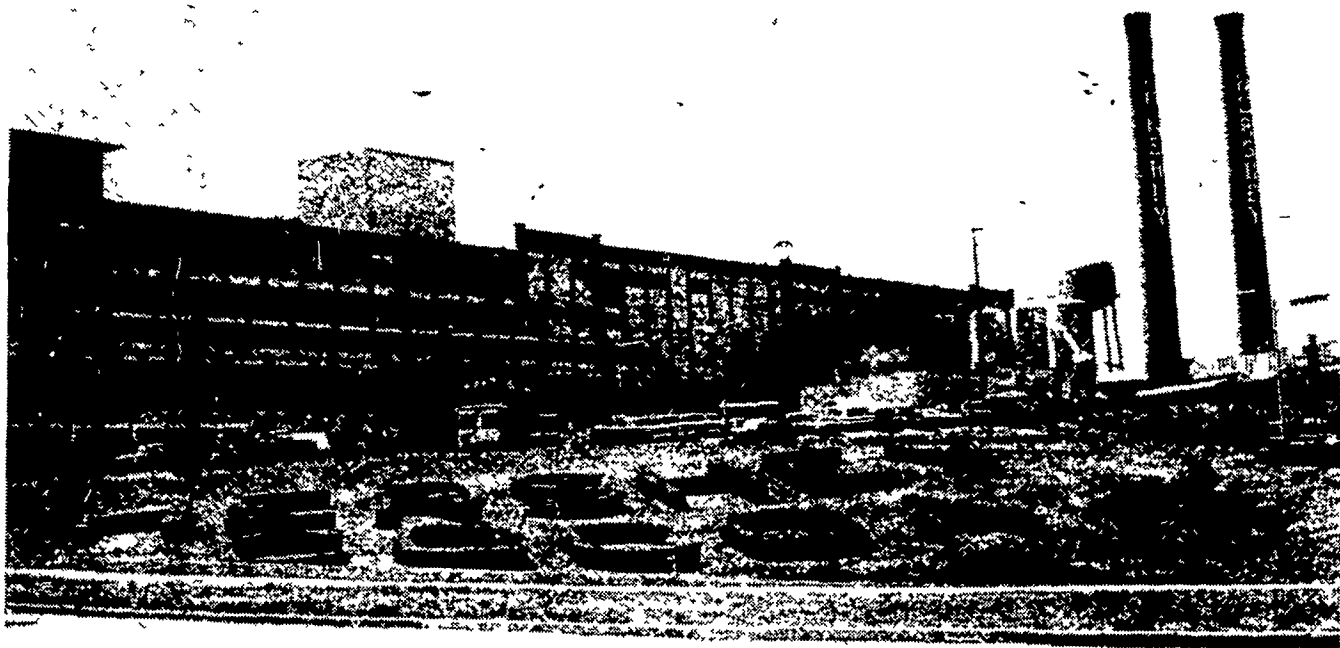
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It's not commonly known, but the Hershey Chocolate factory is one of the area's largest users of milk.

Chocolate firm

[Continued from Page 1]

plant, is shipped into the New York-New Jersey area where it is sold to independent bottlers as raw milk for pasteurization. Five company owned transports haul this milk into the city bottlers on a regular basis, but that still leaves a large amount of the 8.5 million pounds of milk shipped in weekly, at the plant for processing.

Unlike what is commonly believed by many, including this reporter until very recently, none is used in ice cream. Hershey Foods is not involved with any ice cream

production, Lancaster Farming was informed, by James Edris, manager, Public Information.

Local dairies have been an important asset to Hershey Foods from the time it's founder, Milton S. Hershey, first experimented with his famous product, over 70 years ago. Hershey, a successful owner of a caramel factory in Lancaster at the time, which also used fresh whole milk, was intrigued with the German chocolate making equipment he had seen at the Chicago Exposition in 1893. After experimenting with chocolate and developing his own formula, Hershey sold his caramel factory and began producing milk chocolate bars on a large scale.

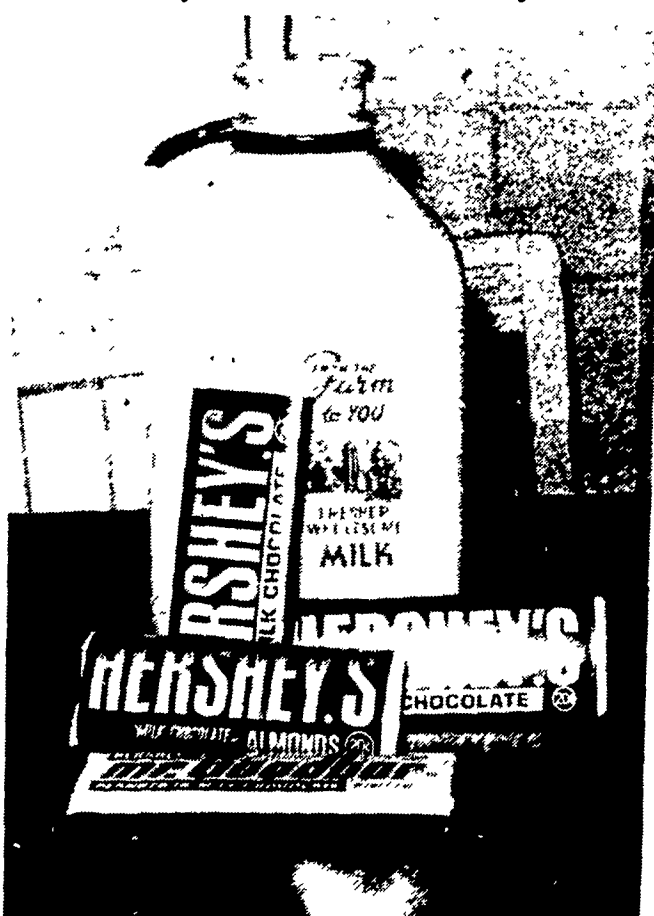
In 1900 he moved from Lancaster back to his birth place at Derry Church, which was surrounded by rich dairy farms, to build a new factory. Hershey's business was so successful his factory grew to become the largest plant of it's kind in the world, encompassing nearly 2 million square feet. It led to the development of the town of Hershey, Pa.

The milk demand became so large that eventually 28 cannery stations were opened throughout the countryside to collect the milk needed for the production of Hershey's milk chocolate. Today, however, all of the milk used is shipped to the plant through concentrated bulk milk haulers, which are licensed by the state. They bring in an average of 50 loads per day. The last cannery station closed in November of 1974. B.K. Matlick, manager of Bulk Milk Operations, estimates that this supply totals 25 per cent of the milk produced in the 10 county area surrounding Hershey.

No doubt Hershey is one of the largest users of milk in this area, but as Matlick told Lancaster Farming, "We don't make any noise about it." "The company grew up with this area," explained Matlick, "it is part of the scenery, which is another reason we are overlooked as being such a large factor in the dairy industry."

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[Continued on Page 31]



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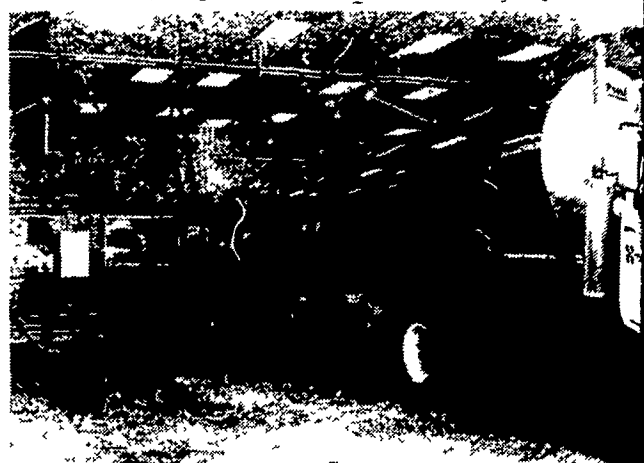
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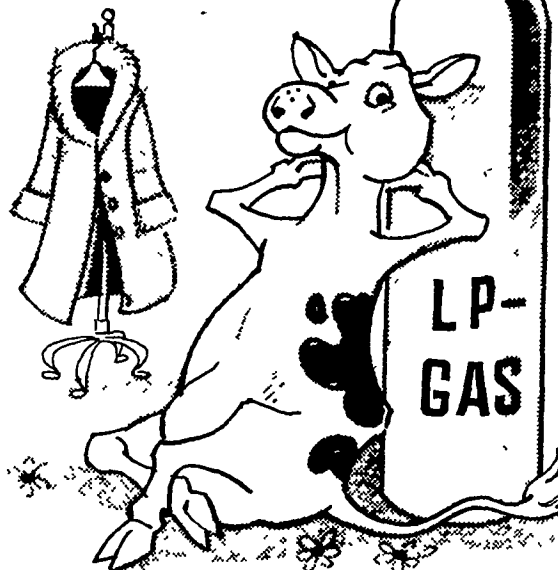


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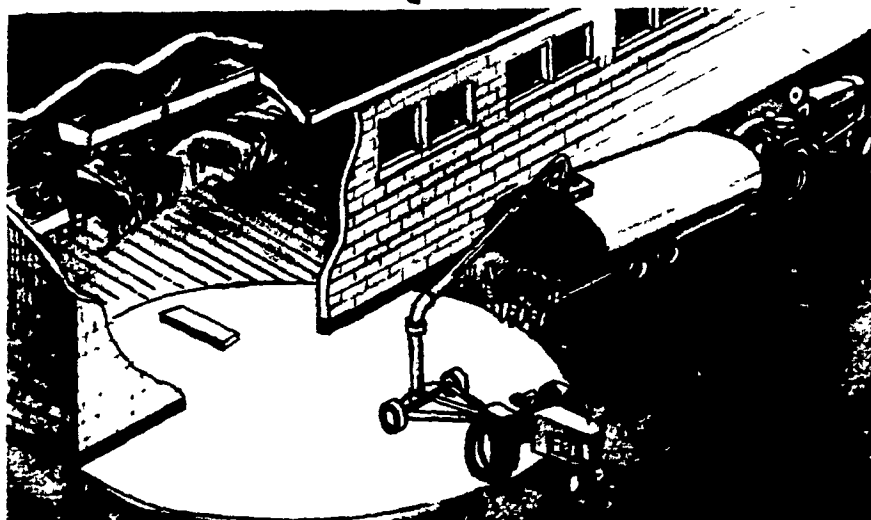
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Embryo [Continued from Page 24]

past year. New Bolton, which is a part of the University of Pennsylvania's School of Veterinary Medicine, has only been seriously involved with the non-surgical procedure since last winter.

Evans, whose career in veterinary medicine has only just begun, foresees some dramatic developments in months and years to come. Aside from his current involvement with embryo collection and subsequent surgical transplanting, the young doctor is looking for ways to perfect non-surgical implementations of embryos. Another one of his ambitious projects involves freezing of embryos so that they can be easily moved across great distances and transferred to any cow in the world, much as is already being done with bull semen. Non-surgical implementation of embryos into donor cows is being done already, but not as successfully as researchers would like. The surgical method is still the most successful today.

Working in conjunction with the Pennsylvania Holstein Association, the New Bolton Clinic is aiming to improve the black-and-white breed by way of embryo transfers. The program has the approval of the Holstein-Friesian Association of America, and is offered to cattle owners in the Northeast and mid-Atlantic states. HFAA accepts resulting calves in its registry books. Blood type verifications, as one might suspect, are mandatory for eligibility.

On Wednesday morning, a cow from New York State stood in a confining stall, ready to have 10-day old embryos removed from her right uterine horn. Two of her embryos have been successfully transferred in previous operations. A hypodermic needle was used to administer local anesthesia so as to have the rear portion of the cow as quiet as possible. "There is no harm done to the cow," Evans explained, as he reached into the animal's rectum in much the same fashion that an A.I. technician performs his job. A piece of clear tubing (catheter) was inserted through the cow's vagina and into the right uterine horn where the tiny embryos had been discovered earlier. A supply tank containing approximately one quart of a specially prepared fluid hung suspended almost directly above the cow. Evans allowed the fluid to flow into the uterine horn gradually, all the while feeling the turgidity of the uterus to make sure that pressures didn't become too great. It was one of the critical points, he acknowledged. To make the flushing procedure work properly, Evans had to control the flow of the liquid. "Essentially it's a flow-stop-flow action," he explained, while continuing to concentrate on the delicate points of the procedure.

Meanwhile, the cow was apparently unbothered by it all. Although he declined to go into detail on it, Evans believes the flushing procedure may actually have a beneficial effect on the donor cow.

Fluids returning from the reproductive organs were collected in a funnel-shaped flask. Within only 15 minutes, two flasks were filled with a pinkish liquid. If all had worked as planned, four embryos about the size of a period (.) would be contained therein.

As the cow was left out of the stall with no apparent side effects of any kind (she had been conscious the entire time), Evans explained that flushing embryos is a much safer and more efficient method than surgery. With no incisions and sutures, there's less risk of scarring or damage. Consequently, the procedure can be repeated quite often. By comparison surgical removal of embryos is limited to just a couple of tries. To illustrate their point, the New Bolton Center people note that they have one cow on the premises which is destined to have eggs flushed from her reproductive tract at each heat period for the rest of her life.

Studies at the Center indicate that 75 per cent of the embryos can be removed from the donor cow. Of that number, half can be successfully transplanted into recipients.

Dr. Robert Kenney, who heads the Hofmann Research Center for Animal Reproduction, here, says costs of the procedure are pegged to a schedule of various fees, with the tab per 90-day transplanted embryo being \$1800. Ninety-day transplants are insurable at that point, and most cattlemen choose that route.

According to Evans and associates, the flushing procedure can be performed on the farm, and the Clinic is currently conducting experiments designed to determine what distances are feasible for such programs. Evans emphasizes that on-farm collection of embryos is advantageous because it does not disturb the pattern of high-producing cows. But moving them to the Clinic would be a break in their routine.

After having collected the embryos, Evans, Kenney, and associates proceeded to a laboratory where microscopes were set up for examination of the liquid - a specially formulated medium designed to mimic conditions of the womb. Embryos are expected to live in the fluid for as long as eight hours. Covering the flasks with a cloth is recommended since the living material is sensitive to light. Although great care must be taken at all times, the embryos are remarkably hardy, says Dr. Ben Brackett, the third member of the team.

Finding the embryos can take as little as five or ten minutes, or it can take several hours. The liquid is contained in a funnel-shaped flask and the hope of the scientists is that the embryos will settle down into the bottom. If it works, the search is short. If not, all of the liquid may have to be examined a spoonful at a time. In each case, however, the liquid is drained from the bottom of the flask.

The final step to the embryo transplant operation involves the recipient cow. A heifer supplied by the Pennsylvania Holstein Association fulfills that purpose at New Bolton. She's brought into the operating room, given an anesthetic, and stretched out flat on her back. Pre-surgery preparations include removal of hair in the region of the udder and towards the naval. That area is then washed and sterilized. Meanwhile the cow is breathing through an external oxygen system. An anesthetic is

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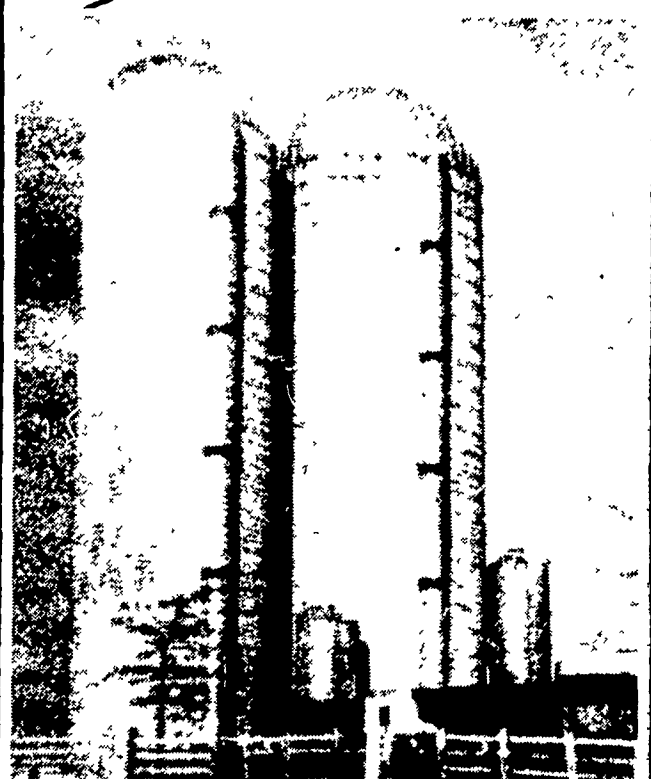
Lancaster Farming, Saturday, June 4, 1977-29

inhaled simultaneously since the original dosage has worn off by this time.

After the animal has been thoroughly and carefully prepared, an incision is made directly in front of the udder. It runs parallel to the animal's backbone. The next step is to find the uterus, which Evans then punctures with a small glass pipette containing the tiny embryo. Again, it sounds simple. Evans himself admits the procedure is simple in principle. But there's more to it than meets the eye. If successful, the embryo will continue to grow in its new surroundings - a mother which furnished none of the potential calf's traits. The recipient is, in effect, little more than an incubator for a living organism which was conceived outside of her own womb. Normally, the surgery takes just 40 minutes or so from anesthesia through to the recovery room.

It's one of the keys, researchers here believe, which will open up new doors and possibilities for the dairy industry of tomorrow.

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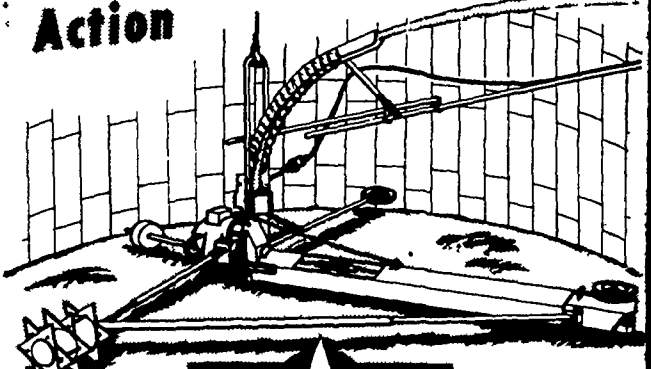
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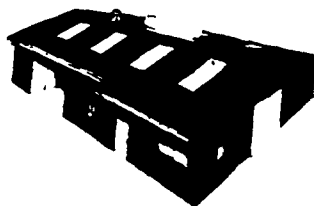
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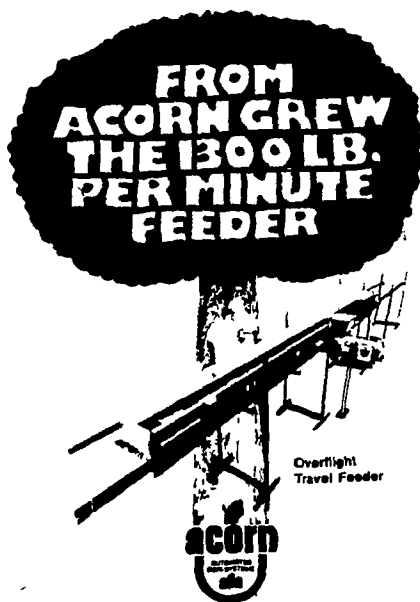
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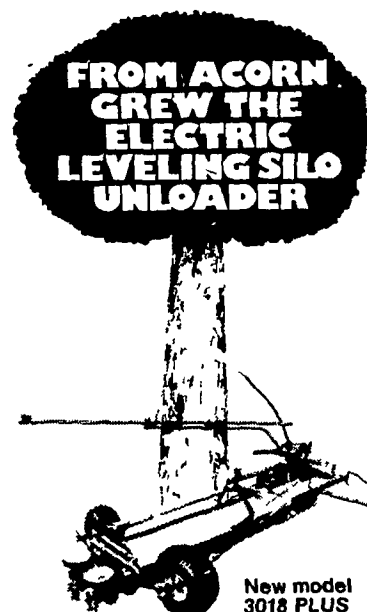


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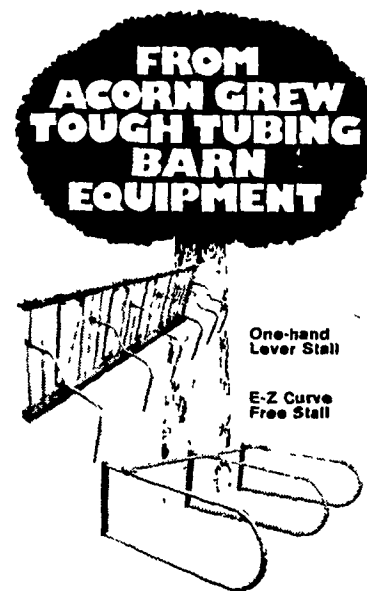
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Purchasing milk evolved which guarantees Hershey's suppliers a market for their milk. All milk is purchased under good faith. "Our suppliers know they have a market for their milk" says Matlick. "The key is consistency, their milk checks come on time, all the time. If a surplus arises, the company takes on the responsibility of finding an outlet," he continued.

The Hershey plan, managed by Matlick, works so well, Cornell University made a training film of the program, to be used in educational studies. "We try to anticipate and plan for the milk fluctuations," Matlick explained. Hershey has an advantage because chocolate can be stored in an unfinished form. "But problems have arisen on occasion whereby we have had too much milk," admitted Matlick.

"Farmers have helped to minimize this problem," the milk manager confessed. They have cut down the Spring flush with the use of modern dairy facilities. Farmers are not as dependent on pastures as they once were. "At one time, most farmers had a certain number of cows and they would keep that same number continuously. Today however they play the market conditions and increase or decrease their herd size accordingly."

This helps to even the flow of milk and make it more predictable, but, admitted Matlick, weather conditions still have an effect. This past Winter didn't effect Hershey's supply but it did hurt some individual farmers, Lancaster Farming was informed. "There are still some scars out there," the manager admitted with a concerned look. The hot dry weather has more of an effect. It is hard on cows and they decrease in milk production.

"Using past records also helps us plot the expected supply," Matlick continued. "There is still a milk cycle but they tend to be getting shorter in time. Unfortunately, the government cannot react fast enough to resolve the problems in these fluctuations," he added.

The company has two field supervisors and six fieldmen who work directly with the farmers. They operate out of two field offices. One is located in Ephrata, the other on the west side of Hershey. These men, who are licensed by the Secretary of Agriculture, conduct routine inspections of the various farms and enforce the state regulations. The fieldmen visit every farm a minimum of three times a year.

Being a reserve pool plant in Federal Order 2, this large company is classified as a proprietary milk handler, and is IMS approved. The milk is bought at a blend price, explained Matlick, a combination of Class 1 and Class 2, once it is either used in processing or shipped to a bottler. Hershey is presently at the size they want to be for milk supplies. They have approximately a five per cent increase a year. "This is due to natural reasons," he explained, "there are always people going out of business and others coming in." With 1000 suppliers, that means there are constant changes, he added.

Hershey Foods Corporation enlarged in the 1960's, adding plants in Smith Falls, Ontario, and Oakdale, California. These sites were selected because of their strategic locations, just as importantly, because of the availability of fresh whole milk.

Of the three main ingredients, milk is the most perishable and has to be carefully considered. Cocoa beans have to be imported no matter where you are in the United States, said Edris. Sugar, he continued, is also a factor but not to the same extent as fresh whole milk.

The people of Hershey Foods feel their company is an important factor in the area dairy industry, and indeed they are. Matlick views the company as an alternative for the farmer. "We provide a choice," he said, "the farmer has a choice of where to ship his product." Hershey creates competition on the milk market, which is good by all American standards, he added.

Milk is received at the plant on a 24 hour a day-seven days a week basis, but the plant only operates from midnight Sunday to the second shift on Friday. The milk coming in on weekends has to be cooled to 37 degrees Fahrenheit and put into insulated tanks with a capacity for 2.5 million pounds.

From there it is sweet condensed, which pulls out water, and mixed with cocoa liquor to be made into one of American's most favorite foods - the Hershey Bar.

Dry spell

[Continued from Page 1]

Those who have made hay report shorter crops, and prospects of a good second cutting remain dim as long as the current drought persists. Corn, although up, is basically just sitting in the ground waiting for that blessing from above. Strawberries and fruits may be especially hard hit, according to Secretary Shelhamer's estimation.

Some farmers in the area, particularly in Lancaster County, had irrigation equipment in operation this week. Dusty conditions prevail all across the state. Although significant rainfall

was recorded in the Lancaster City area on Wednesday night, little came to the countryside. Most farmers are still waiting for rain to come.

If rain isn't forthcoming within the next couple weeks, Pennsylvania agriculture could be severely hurt, says Shelhamer, whose office is monitoring the situation closely. There's nothing they can do, however, to change the forecast.

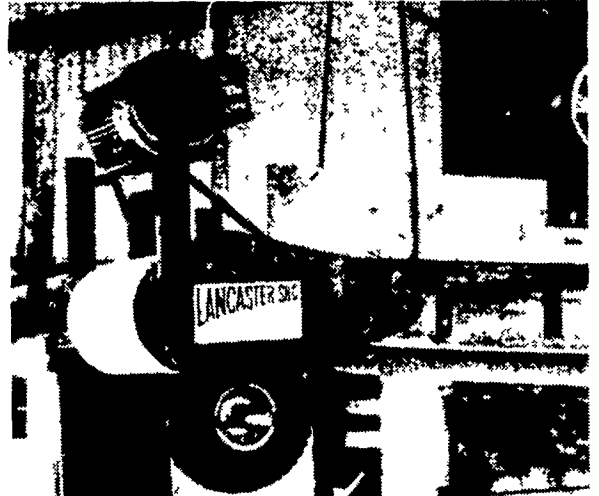
May turned out to be a dry month, and June is starting out the same way. Weather forecasts show no sign of relief in the immediate future.

Farm Calendar

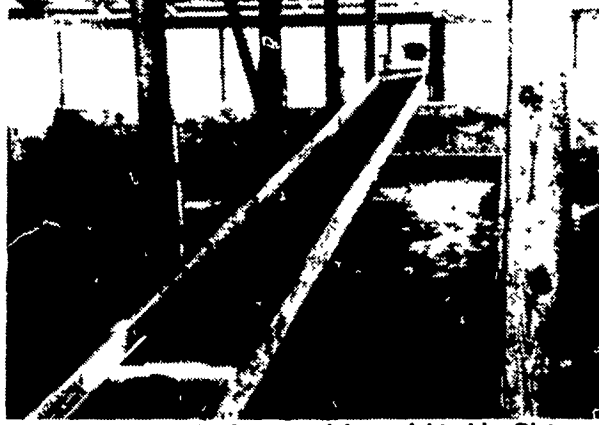
- [Continued from Page 10]
- Growers meeting, 1977 Colonial Invitational
 - Everett Weiser Charolais Sale, today and tomorrow at the Royal Charolais Company, Greensburg, Pa.
 - Thursday, June 9 Pennsylvania Egg Marketing Association meets, Sheraton-Conestoga, Lancaster, 7 p.m. sharp.
 - Lancaster County Swine Producers hold meeting, Holiday Inn, Route 501, north of Lancaster, 12 noon.
 - Friday, June 10 Saturday, June 11
 - Dauphin County dairy princess contest, Harrisburg East Mall, 6:30 p.m.
 - York County Pork Producers annual barbecue, Elicker's Grove, 4 to 7 p.m.

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Two Extension agents retire



John Rosenberger

UNIVERSITY PARK, Pa. — John L. Rosenberger, associate Juniata County Extension agent, and Joseph L. Staley, Pike County Extension agent, will retire June 30 after 22 years and 31 years of service, respectively.

Responsible for 4-H agricultural club work in Juniata County, Rosenberger expanded the youth program from 17 to 27 clubs with a current enrollment of 650 members. He assisted in organizing the County 4-H Fair to broaden the members' concept of club work and provide a community show case.

He started one of the first county 4-H horse programs in the state in 1955. He served 10 years as chairman of the district horse show committee and has been on the state show committee for 16 years.

He initiated marketing programs for 4-H steers and market hogs consisting of a 4-H steer auction in 1969 and market swine auction in 1970.

Working with livestock producers, Rosenberger conducted in-depth seminars on feeding and management. For the past four years he has conducted livestock management program for both Juniata and Mifflin counties. He worked extensively with farmers in remodeling many buildings

for dairy, swine, and beef cattle. He developed a manure management program consisting of such systems as earth embankment, concrete, and lagoon storage. Six projects have been completed and four more are in various stages of development.

The retiring county agent worked closely with farmers in the use of chemical weed control. He also was instrumental in the introduction of no-till corn production and no-till seeding of alfalfa.

Rosenberger initiated a training program for 14- to 16-year-olds who will work on farms and operate farm equipment. He supervised this work in Juniata, Mifflin, and Perry counties. More than 100 youth have been certified through this program.

In 1976 he was recipient of a Distinguished Service Award from the National Association of County Agricultural Agents for his service to the state's agriculture.

Staley was named to the Extension staff in 1946 as assistant county agent in Wayne and Lackawanna counties. In 1948 he was assigned full time in Wayne County and in 1957 was promoted to Pike County agent.

Prior to and during his tenure in Pike County, Staley has been active in all phases of Extension work. He served as chairman of the Northeast Regional 4-H Dairy Show and was assistant director of 4-H Camp Brule, near Dushore.

Staley was assigned to Pike County at the time the broiler industry, one of the largest in the state, was being phased out. Also at that time, the county was suddenly being rediscovered for real estate development and "second homes" were springing up throughout the area. Other changes included the Tocks Island Dam proposal and Interstate 84 with its six interchanges bisecting the county.



Joseph Staley

Following a statewide "Pennsylvania Growth" study in 1960, the Pike County Board of Commissioners and Extension Executive Committee asked Staley to direct his attention to carrying out a strong educational program in community resource development.

Major program emphasis centered on comprehensive plans, zoning, subdivision regulations, sewage, law enforcement, and understanding local government.

As a result of Staley's educational efforts, planning commissions were formed in all municipalities and subdivision regulations were adopted in all but one municipality.

Following completion of the Pike County soil survey, the Extension agent conducted a workshop and tour to interpret the report and study soil profiles. Represented in the group were developers, realtors,

HARRISBURG, Pa. — Four local dairymen's daughters will vie for the title of Dauphin County Dairy Princess on June 10 at the Harrisburg East Mall, according to Melinda D. Waybright, Extension 4-H agent, Dauphin County.

The evening's milk promotion activities will begin at 7 p.m. with a cow milking contest. Distinguished contestants include: Secretary of Agriculture, Kent D. Shelhamer; Commissioner Earl Hoffman; Mayor Harold Swenson; and Frank Graybill, president of the Dauphin County Holstein Association.

The dairy princess contest follows at 7:30 p.m. with these contestants:

Donna Kay Capp, 16, is the daughter of Mr. and Mrs. William Capp of R. D., Hershey. An active member of the Lower Dauphin High School FFA Chapter, she is serving as chapter reporter and participates on the parliamentary procedures team. She also teaches

planners, engineers, township supervisors, and sewage inspectors.

Staley, working with teachers at the Delaware Valley High School, planned a series of "Youth and Environment" seminars for students. Featured were tours of housing developments and sewage treatment systems, and discussions led by Penn State specialists on such topics as water, forestry, wildlife, pesticides, and air pollution.

Dauphin Co. to pick dairy princess

second graders at Lawn Evangelical Congregational Church.

Seventeen-year-old June Long is an active member of her church youth group and a 4-H club member. She is the daughter of Mr. and Mrs. Stanley Long of Hershey. Studying business at Lower Dauphin High School, June plans to do secretarial work after graduation.

As a graduating senior at Lower Dauphin High School, Theresa Watts has been an active member of the Spanish club. She is the 18 year-old daughter of Mr. and Mrs. Nelson Watts of Hummelstown.

Daughter of Mr. and Mrs. Norman F. Winfindale, Sr., of Hummelstown, Cathy, 16, is a member of the Lower Dauphin High School field hockey team. She also sings in the youth choir and serves as a nursery teacher.

Reigning dairy princess, Donna Brandt, daughter of Mr. and Mrs. Carl Brandt, Hershey, will crown the new princess.

Mac McCauley, WCMB radio personality, will be the

master of ceremonies for evening events.

A milk drinking contest will be held. Audience participation is invited and prizes will be awarded.



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Charolais bulls average \$1493; Eastern National Sale postponed

BOONESBORO, Md. — A good-sized crowd attended the sale on April 30, 1977, at the Farmers Livestock Exchange, here. The bidding was extremely active with the 57 lots being sold in two hours and 15 minutes.

The classified bulls averaged a strong \$1493 to make it the top Charolais bull sale in the breed to date. The top bull sold for \$3500 to Vernon and Dorothy Kemp, Oak Hill Farm, Strasburg, Va. He was consigned by

Honeybrook Farm, Princeton, N.J. This bull was a double Polled son of SHF Sir Royal Sam 1st. The second high bull, a Polled bull bred and sold by Leisure Farms, Harrisburg, Pa. was also bought by Oak Hill

Farm, for \$3200. The demand was strong and active throughout for the bulls. This was the highest average for this annual Charolais Classified Bull Sale since 1973.

The females were sold in

rapid fire order to a strong and active bidding audience. The 42 females averaged \$942. The high female at \$1450 was GDF Miss Crestwood and her bull calf by Avignon 14th consigned by Riverwood Farms, Powell, Ohio. They sold to Lewis Franklin of Winchester, Va.

There were 24 buyers for the 57 lots. Eleven new breeders purchased Charolais bulls and Charolais females.

The sale was sponsored by the Colonial Charolais Association, 43 Towpath Road, Levittown, Pa. and managed by Buzz Garey, 100 Walnut Lane, Morrisville, Pa. The auctioneer was Gerald Bowie, West Point, Ga.

The highly successful Eastern National Charolais Sale that has been sponsored for the past 12 consecutive years by the Colonial Charolais Association has been postponed for 1977 and will be re-scheduled for the Fall of 1978. Each of the past twelve years this sale has been held in conjunction with the Charolais show at the Eastern National Livestock Show.

The reason advanced by the Board of Directors of the Colonial Charolais Association for the postponement of this sale was the renovation and construction work that will be going on at the time of the Eastern National this year. The Society that owns the Maryland State Fairgrounds is embarking on a complete renovation of the fairgrounds complex with construction of exciting new facilities that will be in readiness for the 1978 Eastern National. It was emphasized that the Eastern National Livestock Show will be held in 1977 as usual with the Eastern National Charolais Show scheduled for Sunday afternoon, October 9. This is the Role of Excellence Show for Area 7 of the American International Charolais Association.

The Eastern National Charolais Sale has marketed over \$2,000,000 worth of high quality breeding cattle. It is a sale of national importance and flavor, and has established many record prices, some of which still stand. In 1970 the Eastern National Charolais Sale established the world record price at auction for a Charolais bull when LCR Sir Royal Sam 790 (Polled) sold for \$165,000 for one-half interest. This world's record still stands.

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15H114 Jack—VG & GM	8,482	+763	-4	+\$40	99%
15H120 Gay—EX & GM	4,195	+1,032	+26	+\$87	99%
15H121 Bonus—VG & GM	5,939	+551	+8	+\$40	99%
15H123 Rocket—GP & PQ	1,124	+1,926	+37	+\$150	98%
15H128 Winter—VG & PQ	283	+834	+51	+\$103	93%
15H136 Triune—VG & GM	2,712	+1,080	-4	+\$58	99%
15H138 Keynote—GP & PQ	91	+462	+3	+\$30	83%
15H139 Victor—GP	134	+561	-1	+\$31	88%
15H140 Electron—GP & GM	640	+86	+42	+\$50	97%
15H143 Snowman—EX & GM	156	+655	+7	+\$45	89%
15H144 Stylemaster—VG & GM	1,185	+396	-2	+\$21	98%
15H148 Kenny—EX & GM	1,461	+121	+8	+\$16	98%
15H150 Perfection—EX & GM	80	+667	+9	+\$48	79%
15H151 Proud—VG & GM	152	+636	+15	+\$53	88%
15H153 Improver—VG	69	+466	-6	+\$20	76%
15H157 Standout—GP & PQ	112	+1,432	+11	+\$94	84%
15H160 Fleetfoot—VG & GM	151	+340	0	+\$20	87%
15H161 Educator—VG & GM	272	+650	+13	+\$51	91%
15H164 Jan—VG & PQ	123	+338	+4	+\$24	83%
15H165 Comet—GP & PQ	321	+1,012	+37	+\$98	88%
15H168 Starline—VG	102	+590	+23	+\$59	80%
15H170 Chief—VG	80	+856	+3	+\$52	75%
15H171 Hercules—VG & GM	151	+726	-5	+\$36	83%
15H173 Viking—GP	17	+562	+27	+\$61	42%
15H177 Willie—VG	26	+750	+23	+\$68	51%
15H250 Bootleg—VG	19	+950	+6	+\$61	28%
8H69 Kingpin—GP & PQ	92	+439	+10	+\$36	81%
8H73 Top Repeat—VG	37	+534	-7	+\$23	62%
1H216 Albert—VG & PQ	45	+1,130	+22	+\$89	48%
1H243 Performer—VG & PQ	255	+851	+20	+\$70	91%
11H0165 La-Rare—EX & PQ	53	+1,285	+15	+\$90	63%
11H1029 Knightboots—EX & PQ	49	+887	+26	+\$79	54%
24H0550 Per Sterling—GP	21	+964	+29	+\$87	43%
15G98 Aladin	127	+530	+11	+\$42	86%
15G105 Halyard—GS	445	+588	+33	+\$69	93%
15G106 Favorite	53	+1,065	+27	+\$90	72%
15G111 Transfer	158	+668	+10	+\$49	83%
15G117 Top Jolly	37	+686	+20	+\$61	52%
1G115 Dolphin	43	+331	+19	+\$39	64%
1G119 Midas	97	+361	+15	+\$37	79%
3G130 Hollirex—GS	1,200	+758	+46	+\$93	98%
3G145 Choice—GS	93	+1,345	+54	+\$135	79%
15J47 Diplomat	74	+434	+6	+\$31	75%
15J48 Superb	143	+834	+28	+\$78	78%
15J49 Gold	91	+478	+16	+\$45	72%
15J51 Emcee	19	+1,055	+21	+\$83	38%
1J93 Baronet—VG	1,368	+794	+39	+\$87	97%
1J110 P. Kelly—VG	1,108	+596	+4	+\$39	97%
1J121 Knight	15	+469	+12	+\$40	39%
1J129 Mills Emperor	23	+990	+37	+\$97	46%
1J130 Xanthic	34	+558	+19	+\$52	53%
1J156 Tony—VG	16	+488	+13	+\$42	32%
1J162 Joe—VG	60	+806	+22	+\$70	51%
1J183 Tris Gen—VG	29	+1,021	+35	+\$96	42%
8J77 Lotus Lad—VG	17	+721	+21	+\$64	45%
1B54 Fiddle—EX	42	+607	+36	+\$73	69%
1B58 Paul—EX	138	+447	+21	+\$48	81%
1B59 Distinction—VG	56	+986	+30	+\$89	54%
1B61 Corvan—VG	24	+331	+9	+\$29	38%
1B62 Laird—EX	44	+548	+15	+\$48	49%
15A30 R. Commander—VG	279	+109	+7	+\$14	91%
15A31 Grand Fortune—VG	213	+552	+9	+\$41	90%
3A73 Commander's Pr.—VG	1,045	+1,029	+18	+\$78	97%
3A86 Jack—VG	388	+587	+15	+\$50	93%

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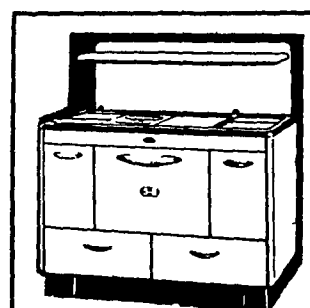


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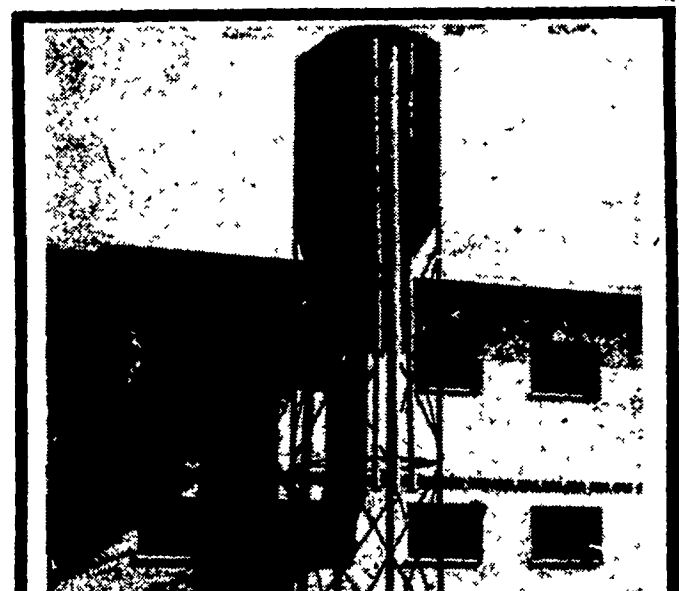


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Cooperatives praised by Bergland; threatened by HR5540

WASHINGTON, D.C. - Family farmers across the country have welcomed a recent policy statement by Secretary of Agriculture Bob Bergland pledging strong USDA support for their cooperatives.

The statement says in part: "As a farmer who uses cooperatives, I know their value as a business extension of the farm operation...As a member of Congress, I stood strongly in favor of cooperatives...As Secretary of Agriculture, I have both a public and personal interest in stating that the Department's policy is to offer maximum encouragement and support to family farmers and their cooperatives."

Bergland said that USDA's support must meet both the spirit and intent of laws and congressional policy directives, to include: expanding cooperative development; strengthening research and technical assistance aimed at making farmer cooperatives more effective; and promoting knowledge of cooperative principles and practices among farmers and the general public.

The Agriculture Secretary directed administrators of all USDA agencies to ensure their programs reflect this policy and demonstrate that the department "is now and always will be an advocate of cooperatives."

Cooperative leaders have hailed the statement as one of the strongest and most positive expressions of official support in recent years.

Kenneth D. Naden, president, National Council of Farmer Cooperatives, noted in a letter to Bergland that "this is a splendid statement of strong support and appreciation for the basic principles of cooperation which farmers and rural residents have followed for many decades."

"It is most heartening and gratifying," he added, "to have you express the personal and official views which you, as a farmer and Secretary of Agriculture, hold regarding these institutions."

Naden said later that Bergland's statement should serve notice on other federal agencies that the Secretary of Agriculture will not stand for any ill-founded attacks which they may attempt to make against cooperatives in the near future.

In other news made public by the NCFC:
Seiberling Bill Would
Limit Cooperative Growth

Future cooperative growth in the U.S. could be drastically limited if a measure recently introduced by Congressman John Seiberling (D-Ohio) is enacted.

The measure (H.R. 5540) would allow the Justice Department and Federal Trade Commission to block cooperative mergers, or retroactively rescind cooperative mergers, by simply stating that such mergers would reduce competition. It would also eliminate Capper-Volstead status for any cooperative which has a member, including a local affiliate, whose annual sales exceed \$1 million.

Seiberling's bill was introduced at the time of recent House Judiciary Sub-committee hearings on antitrust exemptions and immunities. During the hearings, he and Congressmen Hughes (D-N.J.) and McClory (R-Ill.) repeatedly urged Justice and the FTC to challenge cooperative mergers and market order programs.

Responding to Seiberling, the National Council of Farmer Cooperatives President Kenneth D. Naden said that the "\$1 million provision" in his bill would have a heavy impact upon two major farmer cooperatives in his home state of Ohio, Landmark, Inc. and Ohio Farmers Grain and Supply Association.

"All of the 99 local farmer cooperative associations that own and operate Ohio Farmers had sales in excess of \$1 million in 1976, and only one local of the 63 cooperatives that make up Landmark, Inc. had sales in 1976 of less than \$1 million," Naden replied.

"Your proposal would, if enacted into law," added Naden, "destroy each of these organizations formed more than 43 years ago, without any demonstration that they have acted contrary to the public interest."

The NCFC president then referred to Seiberling's remarks about milk marketing noting that "milk is still a

bargain!" He cited information showing that in 1976, the Bureau of Labor Statistics Consumer Price Index for milk averaged 60 per cent above 1967, compared to an 81 per cent increase for all food items and a 71 per cent increase in the overall Consumer Price Index during the same period.

Naden also called attention to a report expected soon from the Department of Agriculture which will seriously challenge a Justice Department report on milk marketing released earlier this year.

The cooperative leader urged Seiberling to review the costs and benefits of H.R. 5540, before proceeding with it. The large benefits, he noted, would be received by a small group of milk handlers, and the large costs would be borne by thousands of farmers and consumers.

Consumer Protection Bill Clears House-Senate Panels

House and Senate Government Operations Committees have approved legislation to create an independent Agency for Consumer Protection.

The proposed agency would be empowered to intervene for consumers in proceedings before federal agencies and the courts. It also would have the power to subpoena information from businesses, and assist consumer groups in initiating class action suits.

It is estimated that more than 200 decision-making processes within the Department of Agriculture might be determined to be "in the consumer's interest," and therefore susceptible to ACP intervention.

The National Council of Farmer Cooperatives expressed concern during congressional hearings over the ACP's probable effect on such vital programs as: milk, fruit and vegetable marketing orders; agricultural exports; emergency food aid to foreign nations under the P.L. 480 program; commodity procurement under the School Lunch Program; and price support programs.

The House version (H.R. 6805), which passed committee on a close 22 to 21 vote, includes a weak exemption for raw agricultural commodity programs. But the ACP could still intervene on many USDA price-setting functions, including the power to appeal Department actions to federal district courts.

An amendment to exempt agricultural exports, and prevent ACP-initiated export embargoes, was voted down in the House committee.

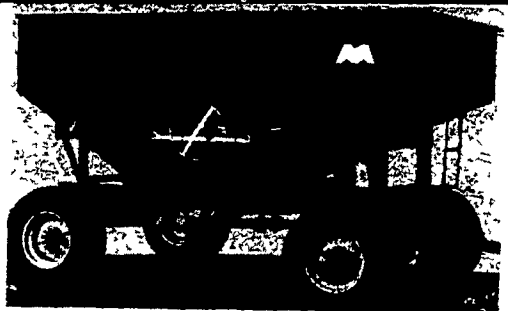
The Senate version (S. 1262) doesn't have an agricultural exemption. However, Senator Dole (R-Kan.) is reported ready to offer such an exemption during floor debate.

In testimony before both committees, NCFC Vice President Paul S. Weller proposed that the most sensible

and effective consumer protection plan should come - not from another federal agency - but from increased consumer representation and involvement within existing agencies.

"We in agriculture have made a substantial move in that direction," said Weller. "We have a Secretary of Agriculture who is strongly pro-consumer. And we have an Assistant Secretary for Consumer Affairs, Mrs. Carol Tucker Foreman, who has been committed to consumer protection throughout her professional career."

Opponents are hoping now to stop the legislation on the House floor, where a similar measure passed on a narrow 207 to 199 vote in the last session.



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Road safety rewarded

LANCASTER - Awards were presented to 43 Pennfield drivers at the annual Safe Driving Awards ceremonies, held recently in Lancaster and York.

Allen Graybill, vice-president, transportation, presented awards to the following drivers for outstanding safety records on the road: Mervin Boll, Daniel Chambers, Amos Eberly, Philip Humbert, J. Lloyd Leaman, L. Eugene Snively, Richard Bireley, Clarence Engle, Jr.

Also Lloyd Kinkbinder, Barry Frey, Paul Frey, Benjamin Glick, Gerald Hess, Daniel Ied, Harry McMunn, Jr., Joseph Myers, Paul Rohrer, Harry Thompson, Kenneth Wenger, James Yocum, Carl High,

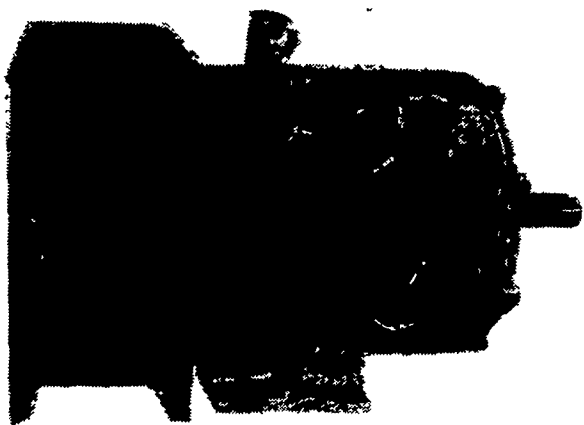
Bruce Lightner, Elmer Singer, David Ruppert, Raymond Schrum, Charles Fetrow, Mervin Miller, Paul Miller, John Jacobs, Ronald King.

In addition, Paul Andrews, Curvin Fetrow, David Sentz, Philip Sellers, Nelson Wagner, Reuben Ruppert, Walter Gladfelter, Ray Koller, Steve Hunt, Truman Grimm, Robert Warner, William Miller and Keith Sechrist.

Norman Williamson, director, employee relations; Parke Eckman and Bob Hunt, driver supervisors; George Stabley, manager, Red Lion; and Tom Brant, also of Red Lion, participated in the award ceremonies.

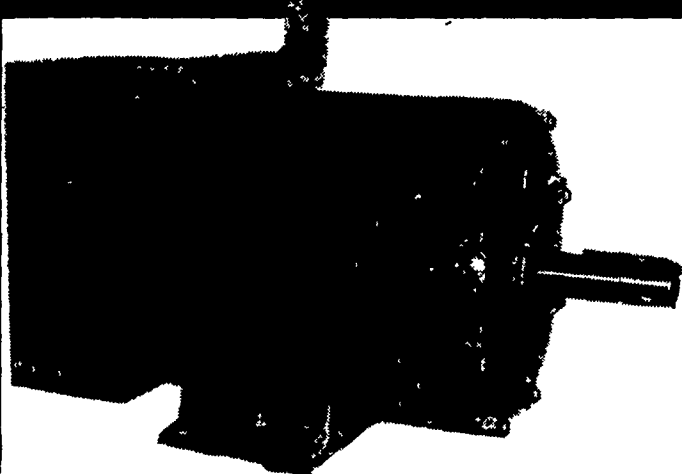
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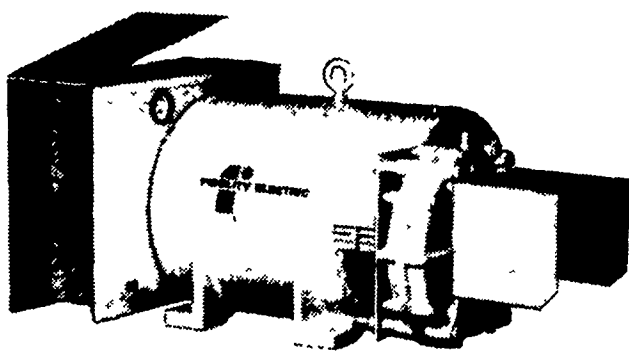
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This unit can be operated 3 phase 480V or single phase 120/240V by merely turning a switch. This unit has a 1 5/8" shaft and can be easily fitted with a PTO gear box. Thus, a farmer can have two units in one. A 480V 3 Phase unit for center pivot operation during the summer and a 120/240V single phase unit for emergency standby power which can be driven by a tractor through the PTO gear box or belt driven, which ever is best. It offers many features which give extra advantages *not available* from other major suppliers of alternators; i.e. full-load voltage adjusts to compensate for line loss, special protective coatings on all windings, 480V 3 Phase receptacle, a 240V single phase receptacle, and a 120V duplex receptacle for handy electrical tools and lights. Available in three models: IS-10 providing 10KW 3 phase or 15KW single phase; IS-12 providing 12KW 3 phase or 15KW single phase; IS-15 providing 15KW 3 phase or 20KW single phase.



CENTER PIVOT IRRIGATION ECONOMY MODEL

The same high quality irrigation unit but, designed for straight 3 phase 480V operation (not switchable). Available in sizes from 10KW to 40KW. All machines engineered to provide 1 hp per KW motor starting, and like our irrigation special, this unit also features epoxy coated windings for protection from chemical/fertilizer corrosion, and adjustable for line loss. Both units feature our special patented bearing system with over-sized precision ball bearings.



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Participating in the signing of the "June Dairy Month" proclamation were: left to right: front row: Pa. Dairy Princess, Peggy Staub; Pa. Governor, Milton J. Shapp. Second row: Donald Duncan, president Keystone Milk Marketing Council; Pa. Secretary of Agriculture, Kent D.

Shelhamer; Representative Paul Yahner, member House Ag Committee; Representative Reno Thomas, member House Ag Committee; Daniel Martin, KMMC member; Edwin Kremer, KMMC member; Joyce Groff, Pa. Dept. of Agriculture; Wayne Beshore, vice-president KMMC.

Governor Shapp signs Dairy Month proclamation

HARRISBURG - Pennsylvania's Governor Milton J. Shapp has officially proclaimed the month of June as "DAIRY MONTH" in Pennsylvania. At recent ceremonies in the Governor's Office in Harrisburg, the Governor presented the proclamation to Miss Peggy Staub of Newville, Cumberland County, the 1976-77 Pennsylvania Dairy Princess.

Agriculture Secretary Kent Shelhamer joined Governor Shapp and Princess Staub in a toast to June and Dairy Month at the ceremonies, and noted that Pennsylvania's agriculture is the keystone of our economic stability, especially its dairy industry.

Governor Shapp cited the importance of the dairy industry in his proclamation, and the fact that Pennsylvania ranks among the top five states in the nation, "on the number of dairy farms, cows on farms, the amount of milk produced, marketed and sold to processing plants....production of milk, milkfat, evaporated and sweetened and condensed milk, and ice cream."

In addition, the Governor spoke of milk's importance to the human diet, calling milk "nature's most nearly perfect food," providing many essential nutrients for good health at a minimum cost to the consumer.

He urged "everyone to observe the month with appropriate activities and reflect upon the bountiful blessings that the dairy industry has brought to our commonwealth."

Also in attendance at the ceremonies in Harrisburg were officials of the Pennsylvania Department of Agriculture and officers of the Keystone Milk Marketing Council, Inc.

Crop data

[Continued from Page 1]

version of the bill proposes to use acreage planted in 1977 as a basis for establishing acreage allotments, however.

Farmers will have until June 30 to report wheat and barley acreage and until September 1 to report Corn, Sorghum and tobacco acreage. However, it is expected most farms can report all acreage by June 30 with one stop at the ASCS County office. Acreage must be reported prior to harvest. Farmers who have already begun or completed harvest should contact their ASCS office immediately.

Farmers who fail to report planted acreage will be considered to have no planted acreage and may be ineligible for program benefits in 1978.

ASCS employees will make spot checks of farms to assure that acreage reports are accurate.

The County ASCS office will begin accepting acreage reports immediately.

The 1977 crop acreage will update farm data needed for programs that may be in effect in 1978 and subsequent years. Set-aside programs, disaster provisions and other programs may use this crop data when and if the programs are needed. USDA emphasizes the need for accurate crop data on each farm when administering fair and equitable production

adjustment and price stabilization programs.

This is a nation-wide survey to update individual farm crop data information for farm program purposes.

Eligibility for participation in all programs administered by ASCS is established under law without regard to race, color, religion, sex or national origin.

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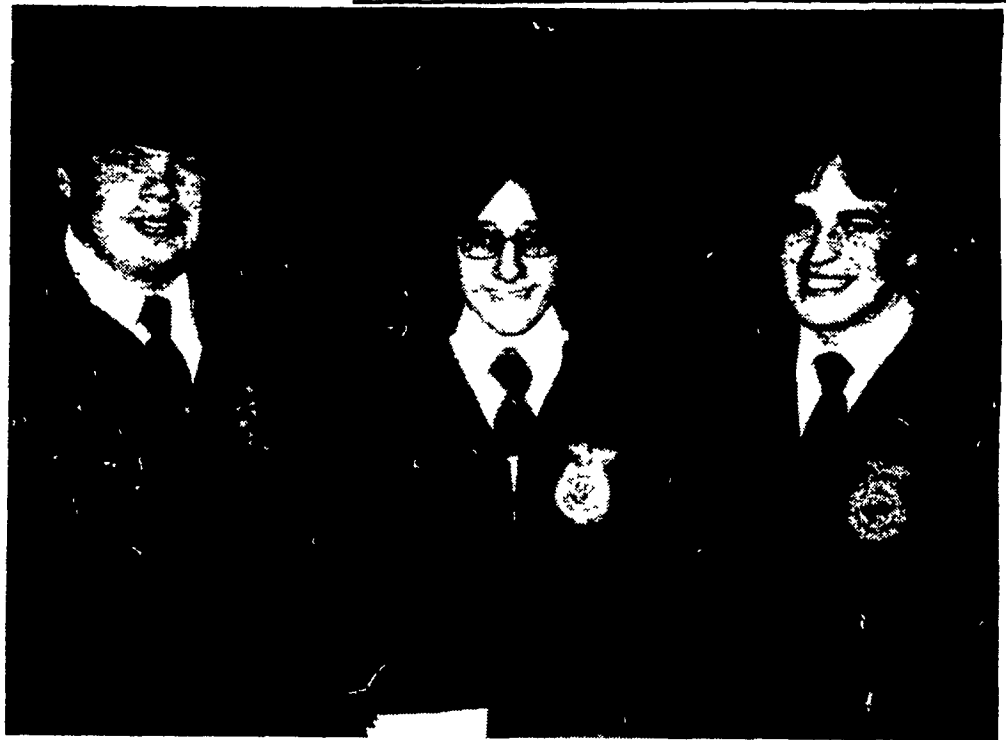
RED LION, Pa. - The Red Lion Future Farmers of America recently held their annual Parent-Member Banquet, in the Red Lion Senior High School cafeteria. The 380 people which attended were parents, members and many invited guests. Two state officers also attended the dinner and took part in the program. These were the state-wide vice-president, Victor Verbeke and the south central region vice-president, David Miller. There are four awards made annually to outstanding members of the

chapter. The Star Greenhand, which is given to the outstanding freshman went to Robert Dehoff. A special memorial award is given to the outstanding sophomore in memory of Michael Spangler, who was active in our FFA, extra curricular activities and had a high scholastic average. This year the award was given to Barb Snyder and Brenda Walters. The Dekalb award recipient is selected on the basis of scholarship, leadership and farming program. This award went to senior, Woodrow Harrison. The Chapter Star Farmer

went to Leonard Greek, who held the outstanding farming program.

The Chapter Scholarship Awards are given to the students who have the highest scholastic average for their grade. Those receiving these awards were: Freshman, Cathy Arnold; Sophomore, Mike Junior, Teresa Crowl; and Senior, Tom Arnold.

Honorary Chapter Farmer Degrees were given to those people who have helped and cooperated most with our FFA chapter. The Honorary Degrees were given to Mrs. Ruth Smith, and Mr. and



Bryan Grove, Red Lion FFA Chapter president, center, is flanked by Verbeke, right, and south central Region vice president David Miller.

Mrs. Dale Miller and Mr. Clyde Myers, who recently resigned from the high school faculty.

Reading resident in nat'l cooking contest

READING, Pa. - Keith Singer, Reading, has been chosen as one of 17 of the nation's top outdoor pork chefs to test his culinary skills on June 10 - 11 in St. Louis during the National Pork Cookout Contest.

The contest, sponsored by the National Pork Producers Council, Des Moines, will be held at will include: Jeanne Voltz, food editor, Woman's Day; Nancy Byal, senior associate food editor, Better Homes and Gardens; Herb Jackson, Agriculture

Marketing Service, USDA; Mary Lou Chapman, consumer and food specialist, Colorado Department of Agriculture; and Les Gage, sales representative, U.S. Suburban Press, Inc.

The winner of the contest will receive an expense-paid, two-week trip to Hawaii for two. First runner-up will receive \$300 plus a special gas grill. Second runner-up will receive \$200 and third runner-up will receive \$100.

To be eligible for the national contest, the contestant must have been selected by a state pork producer organization as its state's pork cookout champion. Contestants must enter the national contest with the same pork item and recipe used in the state contest.



A good way to make lunches more nutritious is to use milk rather than water with each can of condensed soup. Make the soup even more interesting with a garnish of sour cream, whipped cream, croutons, crumbled bacon, chopped chives or parsley.

—BELLE S. SWARTZ—

ESTATE AUCTION

55 - ACRE LIVESTOCK AND GRAIN FARM
SATURDAY, JUNE 11, 1977

12 Noon

Located on Pennsylvania Route 220, three miles west of Hughesville, two miles east of Penns Dale in Lycoming County, Muncy Township.

REAL ESTATE

Consists of 55 acres land, complete set of farm buildings including: eight room house with large porch and attached summer kitchen, three-car garage, large three mow bank barn with enclosed straw shed, 12 x 50 cement block silo, stanchions and tie stalls and cement barnyard. Good Grazing land with never failing spring, fertile limestone soil that is good for either grain or truck farming plus small farm wood lot. Real Estate will be sold at 1:30 P.M.

HOUSEHOLD GOODS & COLLECTORS' ITEMS

Including early carriage light, nice oak sideboard, oak dressers, square oak extension table, barn lanterns, set of hi-back chairs, Dutch cupboard, hog troughs, kitchen cabinet, milk cans, cow bell, crocks, oak buffet, old pictures, sad irons, wicker baby buggy, bread riser pan, old tea kettle, clothes rack, old tin match box, match holders, hip roof trunk, meat bench, old baskets, cream dispenser, bridles and halters, two new afghans, mail box, plus other items including: two deep freezers (one 32 cubic foot, and one about 18 cubic foot), sewing machine, dishes, ladder, hedge trimmers, sweeper, electric stove, refrigerator.

FARM ITEMS

Rabbit pens, baled hay and straw (small amount), electric cow clippers, forks, shovels, hoes, scrap. Plus other items not listed.

Terms of Real Estate: 10% down; balance in 30 days upon delivery of good deed.

Personal Items: Cash or good check.

Executors:

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Quick Count

Two professors were riding on a high speed train when they passed a large herd of sheep "Quite a large herd," commented the biology professor "Exactly 625," replied the professor of mathematics "Surely you couldn't have counted them all that quickly," inquired the first professor "Of course not, I merely counted the legs and divided by four"

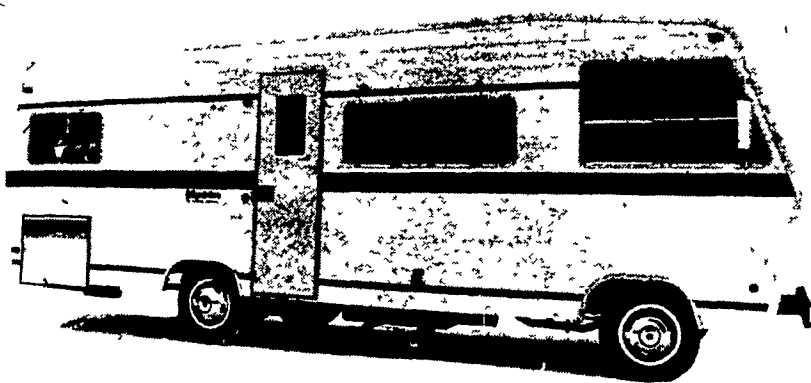
Don't Save

There may be exceptions, but it is not good practice to save seeds from your vegetable garden to plant the following year

Fruit Cake

Rich fruit cake is much tastier if made weeks before use. During the period of ripening, flavors are more evenly distributed and the cake becomes more moist. After baking, wrap in a heavy aluminum foil or moisture-vapor-proof paper and store it in the refrigerator, freezer or a cool area of the house. If stored in a freezer, fruit cake will keep fresh and flavorful for about a year

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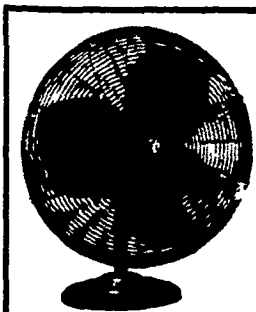
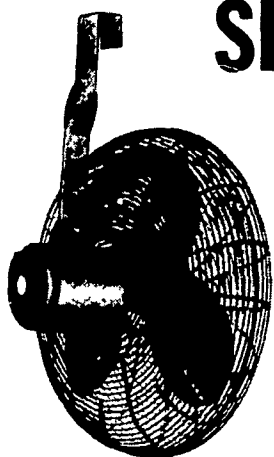
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20" - Reg. \$68.00 SALE **\$54.00**
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Hesston dealing with Eastern Bloc countries

HESSTON, Kans. - The Hesston Corporation announced recently that separate purchase agreements have been signed with two Eastern Bloc countries for \$7 million in farm equipment and components to be delivered over the next four years.

Contracts were signed with state-operated companies in Hungary for 80 self-propelled forage harvesters manufactured by Hesston's Coex Division in France. Twenty-five of these are to be delivered in 1977 and the balance by 1980. Also, twelve complete, U.S.-produced Hesston StakHand Hay Handling Systems are to be delivered this year. Total amount of these contracts is approximately \$4.5 million.

Simultaneously, a \$2.5 million contract with Agromachinimpex, the state-manufacturer of farm equipment in Bulgaria, was signed calling for delivery in 1977 of 500 three-row corn heads and chopper (cutter) boxes for forage harvesters which are manufactured in Bulgaria using Hesston

components. These components are produced by the Hesston France Coex Division.

Part of the Hungarian transaction is a cooperative contract whereby Hesston will buy an equal amount of Hungarian-produced products between now and 1982. These include three-row forage harvester heads, which Hesston has licensed a Hungarian firm to manufacture, and for gear boxes, which are used on most Hesston-produced equipment. There is no reciprocal agreement involved in the Bulgarian transaction.

Lyle E. Yost, chairman of Hesston, said the contracts have been under negotiation for several months with representatives of the individual governments.

"While there will be no immediate effect upon our North American Operations, these contracts do directly benefit our European factory immediately," Yost said.

"Of greater significance are the long range benefits because we anticipate there

will be continued purchases by both countries," he said.

The Bulgarian Ministry of Agriculture, for instance, has standardized on the Hesston forage harvester components and forecast they will manufacture about 500 units a year in the future to be sold to other Eastern Bloc countries.

The Hungarian contract states that additional purchases self-propelled forage harvesters can be made during this time and that the reciprocal purchases by Hesston of Hungarian products may be as little as 50 per cent of the purchase price.

In addition, a cooperative agreement has been reached with Zmaj, a Yugoslavian

manufacturer of farm equipment. This agreement calls for the Yugoslavian company to purchase farm equipment machines, manufactured by Hesston, utilizing components purchased by Hesston from Yugoslavia.

Reciprocal purchase agreements are common in most dealings with Eastern Bloc countries, Yost noted.

The complicated agreements involved three different Hungarian contracts involving Agrotroszt, the buying company for all agricultural equipment for Hungary and Komplex, the Hungarian trading company for factory equipment and who also represent the Hungarian

manufacturer for Hesston-licensed components.

The Bulgarian contract was a three-party agreement between Hesston, Agromachinimpex their official representative in France, Compagnie Internationale de Matieres.

ANNUAL HEIFER SALE

Located on the Robert Mullendore farm, 10 miles south of Hagerstown, Md. on the Boonsboro-Williamsport Road (Route 68) 4 miles west of Boonsboro, Md. and 2 miles east of Sharpsburg Pike (Route 65) at Lappan Crossroads on

FRIDAY EVENING, JUNE 10, 1977

At 7:30 P.M.

300 HEAD OF HOLSTEIN HEIFERS 300

Consisting of 100 head of bred & springing heifers, 100 head of open heifers of breeding age and for fall breeding, balance will be smaller heifers.

This is one of the finest consignments of quality heifers we have ever offered. All necessary animal Bangs & TB tested within 30 days of sale.

1975 Ford 350 one ton truck with cattle body, air power steering, automatic, AM-FM, CB in dash radio, 21,000 miles. Truck will be at this location one week prior to sale and will be sold first.

Terms: Cash. Not responsible for accidents.

Sale managed and conducted by:

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Phone 582-0546

Clerk: C.L. Metz

Sale held in tent with lunch available. Cattle may be inspected afternoon of sale.



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ON JUNE 11, 1977

At farm sale at 2:00 P.M. the following antique tractors will be sold in Carroll County, Maryland. Turn on Salem Bottom Road off State Route 26 at Winfield, follow sale signs.

RUNNING

1926 John Deere D, 1949 John Deere D, 1949 L A Case, 1947 WD9 McDeering, 1954 John Deere 60-0, 1948 Case D.

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1927 Huber D-K, 1931 Huber L, 1935 AC-U, 27-44 Oliver Hart Parr, 194 - Oliver 99, Oliver 80 4 CYL, 1949 Leader, WK 40 Mc for parts, H John Deere for parts.

Lunch served by Salem Bottom Church
Not Responsible for Accidents.

Terms: Cash.

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Clerk - Sidney Leese

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Washing Blinds

When washing blinds, start at the top and clean one slat at a time with a sponge or cloth wrung out of suds. Wash both sides of the slat at the same time by



folding your cloth around the slat and slide from left to right. Wooden slats should not be immersed since they may warp. Wipe these with a damp cloth and dry. Scrub venetian blind tapes with thick suds and sponge rinse.

M—R—Y HOLSTEINS

**50 HEAD OF HIGH QUALITY
REG. & GRADE HOLSTEINS
FOR SALE BY PRIVATE TREATY,
DUE NOW THRU THE END OF JULY**

GRADE HOLSTEINS

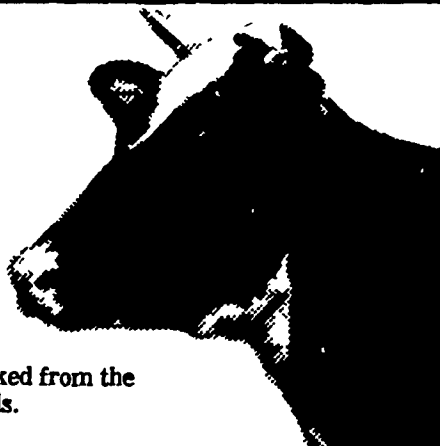
35 head of 2nd & 3rd calve springers hand picked from the New England States with good production records.

REGISTERED HOLSTEINS

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PUBLIC SALE

**OF ELLA HARRY'S
HOUSEHOLD GOODS AND ANTIQUES
SATURDAY, JUNE 11, 1977**

10:00 A.M.

Location: 25 South - Hershey Avenue, Bareville, Upper Leacock Township, Lancaster Co., Pa.

HOUSEHOLD GOODS

Oak, pine, and maple bedroom suites; Box springs and mattresses; Early American living room suite with love seat; 8 piece cherry dining room suite with hutch; end tables; coffee tables; Cherry Hutch, recliner chair; cedar chest; extension table; 3 book shelves; bedroom chair; hide away bed, like new; sofa; oak dresser; floor model Philco record player with speaker; utility cabinet; utility cart; clothes hamper; air conditioner; throw rugs; lot of books; blankets; linens; china glassware; pots and pans; roast pans; tape recorder; Zenith AM/FM radio; card table; gas heater; 2 electric blankets; telescope; 3 tripods; 2 movie screens; 3 pair binoculars; humidifier; fishing equipment - rods and reels; Porch furniture; automatic washer; electric stove; lawn mower; garden tools; hose; 2 magazine racks; 36" Frigidaire refrigerator-freezer; Whirlpool dryer; portable TV; boys & girls bikes, like new.

GUNS

Winchester Model - 98-270 caliber with scope; Marlin Model 336R, 30 caliber; TMM Remington with scope; Winchester Model - 88 with scope; Moos Burg 46 Model 22 SLRR; Double Barrel shot gun, 12 gauge; Knickerbocker 12 gauge, double barrel shotgun; Stevens 22 caliber; Savage 300 with scope; Sako 22 caliber with scope; Gun cabinet; shells; gun cleaning kit.

ANTIQUES

Cherry corner cupboard with old glass; China closet, clothes tree; Windsor chair; 6 plank seated chairs with Fiddle backs; blanket chest; Oak slant top desk; wash stand; electric trains; electric train transformers - heavy duty; Regulator School clock; quilts; umbrella stand; large copper kettle; kerosene lights; Avon bottles; ladles; old books; Martyr Mirror; Works of Josephus; Mennonites of Lancaster Conference by Martin G. Weaver; Matthew Henry Commentary; old newspapers and almanacs; mantle clock; dough tray, white carnival; copper lustre; Gaudy Welsh; Majolica; pressed glass; old watches; Lititz decoys; Adams Cup and Saucer; old baskets; Vaseline bottle with stopper; Canton china; Cane chairs; old scale parts; old croquet set.

Terms by,
ELLA M. HARRY

Auctioneers:
**Charles Bachman
Roy L. Martin**

Food Available.
Not Responsible for Accidents.

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REAL ESTATE

Located south of Boonsboro, Md. on Route 67
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items moved to Community Hall for sale con-
venience).

SATURDAY, JUNE 11, 1977

At 9:00 A.M.

Walnut gate leg drop leaf table; 6 oak five spindle
dining chairs; oak oval end extension table w/extra
leaves and another painted; oak sideboard w/bevel
glass and claw feet; oak bow door china closet; Prizer
white enamel cook stove; Hardwick 20 in. 4 burner
gas range, 1 yr. old; Frigidaire frost proof
refrigerator; Seigler oil burner and tank; Magnavox
portable TV; Goodrich treadle sewing machine in
oak case; early full back gentlemen's rocker;
oak frame leather covered fainting lounge; early two
seat mule ear kitchen chair; modern swivel chair;
upholstered occasional chair; 3 pc. living room suite;
early H-M split seat stool; stained mahogany hall
stand; Kranich and Bach cabinet grand mahogany
piano; stained mahogany open top piano bench; one
drawer decorated music cabinet; Duncan Phyfe end
table; early vict. mohair side chair in walnut; two vict.
hipper rockers; 6 plank dove tail walnut blanket chest
in nice bracket feet w/tile box; 6 plank softwood dove
tail undersized blanket chest w/tile box; early child's
rocker w/split seat; large oak 4 leg hall table; early
softwood double bed w/turned spindle head and finial
posts; pineapple poster double bed; roll-a-way bed;
early H-M open wash stand; oak 3 drawer dresser
w/beveled mirror and matching 1 drawer wash stand
w/towel rack; oak 2 over 2 drawer dresser w/oval
beveled glass attached mirror; oak 2 drawer
washstand w/towel rack; Empire solid cherry 4
drawer chest of drawers; same in walnut; vict. bevel
glass vanity mirror; vict. oval top vanity mirror;
small oak lamp stand w/turned legs; tapered leg
country walnut schoolmaster's desk; oak spindle
cradle; walnut early child's crib; barrel back high
chair; occasional armed wooden rocker; quilting
frame; Seth Thomas 6 Col. mantel clock; Bim Bam
half clock; pocket watch; Clark ONT 2 drawer spool
cabinet; large metal arch top trunk; early signed cook
stove food dryer; early hobby horse and early roller
scooter; old dolls including: Armand Marscelle
German doll, Rottie Kazoote doll, Baby Bud bisque
doll, Frozen Charlotte doll; toy stove, children's
fishes; bisque figurines; nice old pictures and frames
including Currier & Ives prints and Lincoln engraving;
oil and fat lamps; floor and table lamps; old tinware;
Royal Crown English china 6 pc. pitcher and bowl set
in fine condition; large assortment of good quilts, quilt
tops and comforts; signed pine boxes; signed wooden
10 gal. oyster bucket; wooden hoghead; wooden tubs;
porch swing; H-M porch bench and other benches; iron
kettle and ring; stirrer; buck saw; hand and garden
tools; M.W. rotary power mower; good 9 x 12 rugs;
stereoscope and slides; old books including McGuffey
readers, cookbook, comic books, Geographics; Youth
Companions, old sheet music; post cards; linens;
crochet, lace pieces; iron cookpots; crocks and jugs;
some signed; old cameras; hat and stick pins;
Daguerreotype frames; pots and pans; a very nice
selection of pressed pattern glass and other pieces
including German, Majolica, Ironstone, Dresden;
Lustre; Noritake; 2 very early ridgeway soups,
enameled water set; Carnival and Depression glass;
Roseville pottery, Tea Leaf lustre mug; etched pieces;
goblets, salts, spooners, pitchers, glasses, butter
dishes, etc.

NOTE: This is a very nice sale of good clean items
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TERMS: Cash - Not responsible for accidents.

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Will offer at 1:00 P.M. all that land with im-
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Property is offered subject to removal of crops in
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Clerk: C.L. Metz

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cab \$17,500. Used 1066
gear, 1066 Hydro, 966 w-
cab, 766, 1456, 1206, 856,
806, 706, 560, 1206 four
whl. drive. Massey
Ferguson 1155 w-cab
used 300 hrs., 1100 Allis
Chalmers 7050, D19.
M.M.G. 900, G1000. White
(New) 2-85, 2-105. Oliver
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1750, 1650.

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4430 cab air power shift
(New) 4230 cab air Quad
Range, 4230 Quad Range
w-Roll guard, used 4630
cab air power shift used
300 hrs., 4630 Singro
Range used 4430 cab air
like new, used 4430 W-
new tires \$15,800. J.D.
5010 for \$6600.00 used
4230's 4030 w-cab, 4320,
4620 w-cab, 5020, (2) late
model Power shift side
consul 4020, (3) 1967 &
1968 - 4020's, 3020, 2520,
4010, 3010, 2510, 730, 1020
w-Loader, 5020 Tractor
Puller. Case (New) 1070
cab air power shift priced
for \$17,500., used 970
power shift W-roll guard,
used 1070, 1200 four whl.
drive W-front blade.

CORN PLANTERS
(Specials) New J.D. 7000
four row. New White 5400
four row W-Monitor was
\$4475. now \$3,950. only 2
left, (New) Ford No. 309-
3 pt. 4 row corn planter.
(Inventory close out on
planters) - J.D. 1240
plateless, J.D. 6 row
model 1260 plateless
Wpinsecticide & monitor,
1280 plateless \$1450., 494.
Used Int. 4 row 400 Cyclo
(nice) \$2,600., used 400
Cyclo 6 row W-no till &
monitor \$3,900., Int. 6 row
plate planter \$875., A.C. 6
row air W-no till
W-insecticide & monitor,

Just received (New) J.D.
4030 Quad Range W-roll
guard, (New) 2840, 2040,
used 4230 Quad Range 4
post 920 hrs., J.D. 530 W-3
pt., (New) 4400 J.D.
Combine fully equip.,
used Combines, Gleaner
E, All, Case 660 W-cab,
Int. 503 W-cab & both
heads. Farmall 656
Hydro. diesel, A.C.
XT190. M.F. 180, Oliver
1650 D. W-four whl. drive.
N.H. 268 Baler W-
thrower. Int. 440 - 47
Balers W-throwers. N.I. 3
row 30" picker.

TRACTORS AND
EQUIPMENT just
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4020. Singro Range, Case
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Ferguson 1130, Int. TD6
w-blade. \$1850. Case 660
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65 grinder mixer, (New)
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Ditioner. 7 ft. New 279 - 9
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diesel. Massey Ferguson
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Tach w-both heads. John
Deere 3 point field
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harrows Oliver 28 ft.
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10 ft. offset. M.F. 510
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combine. J.D. 4030 cab &
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A.C. D14, D17, 3 disk
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BALERS (New) J.D. 336
fully equipped, N.H. used
278 fully equipped, N.H.
275, 268 all 4-
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COMBINES - J.D. (New)
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D. w-grain & corn,
Gleaner K w-cab grain &
2 row corn, F w-both
heads, L diesel, G, C11,
Int. 815 D. w-both heads.
SOLD. 503, 82 M.F. all
Quik Tach 300, 410 w-cab,
510 D w-air, older 300, 410
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Real Estate

Real Estate

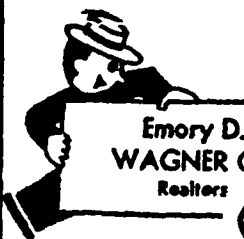
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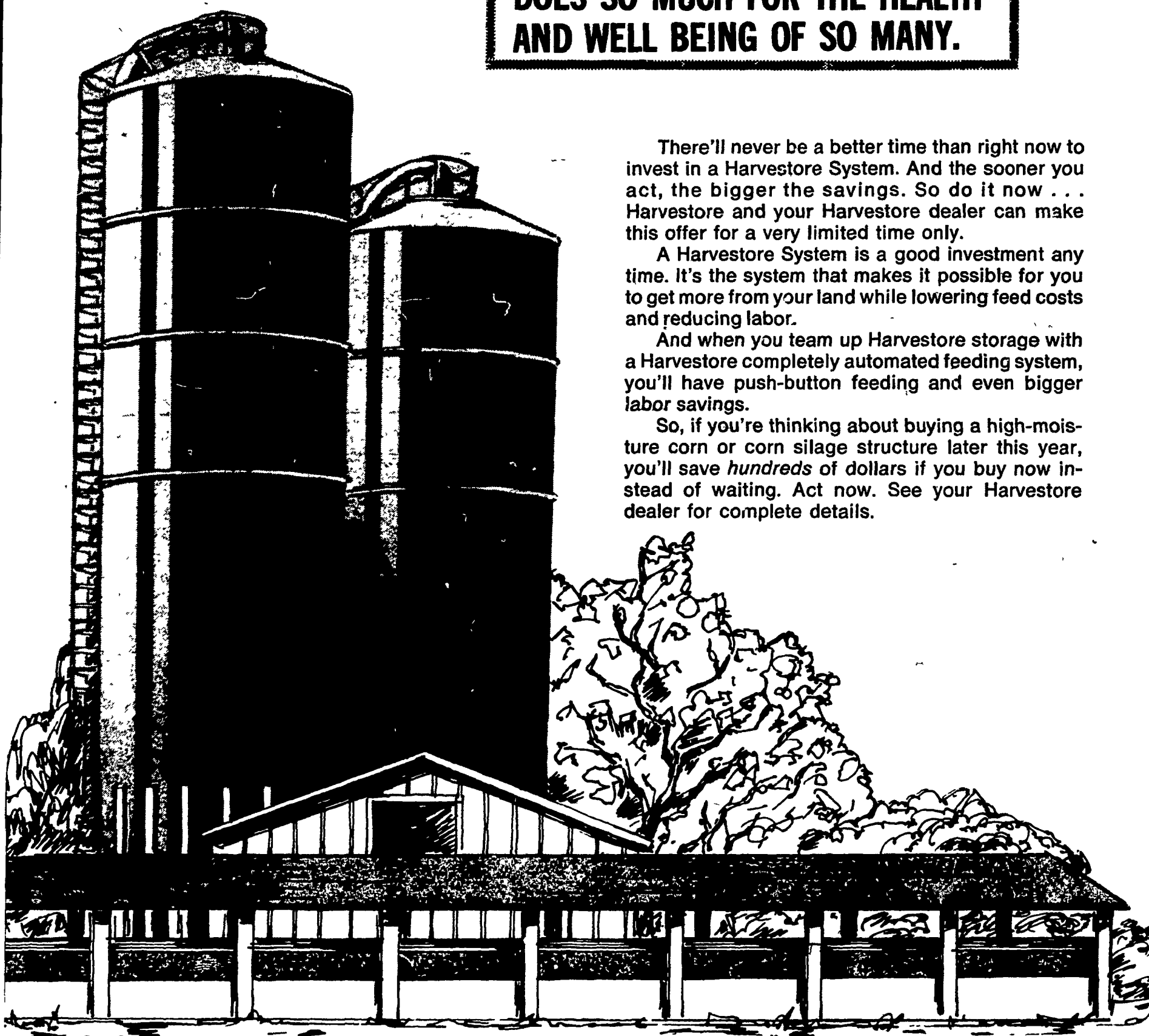


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'June is dairy month' spells 'work' for Evelyn Crider



By SALLY BAIR
Feature Writer

Mrs. Fred Crider believes that if you're a dairy farmer you have a personal stake in promoting and using your product.

With her strong feelings on the subject of dairy promotions, it's no surprise that she heads up the Lancaster County Dairy Princess committee. Evelyn and her husband are co-chairmen of the committee, and because of recent changes in the program, their job means more than just selecting a new princess to represent Lancaster County in the state contest.

In talking about the increased activity in recent years, Evelyn makes it clear that most of the push has come from the top and the local committee has become more active in response.

She makes it equally clear that she feels the extra effort is worthwhile. She said, "It's a proven fact that the person who puts the most into something gets the most return, whether it's the politician or the person marketing a product. The politician who works hardest wins the contest, and the one who does the best job of marketing the product has the biggest sales."

With candor she remarked, "I find it unfortunate that some dairymen do not see the necessity of paying their share of advertising. When you make a quality product why not advertise and get others to use it?"

A pet peeve of Evelyn's is the farmer who purchases non-dairy products with the excuse that his own product is priced too high. Working parttime at the Little Britain Store gives her an opportunity to see this

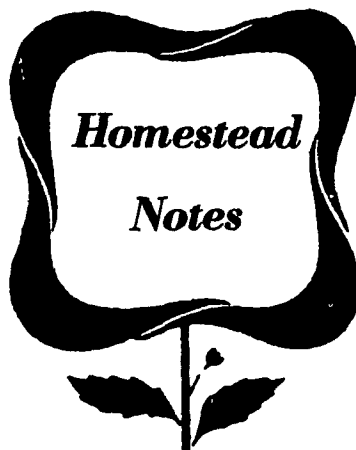
practice first hand. She said, "These people need education on the marketing process of dairy products."

Evelyn commented that statistics prove that before the recent advertising check-offs on farmers' milk checks there had been a steady decline in the sales of milk. Now sales are holding, and occasionally climb, and she attributes this to the positive effects of advertising.

She said, "We must make milk more attractive and more exciting." She talked with enthusiasm about the American Dairy Association



Evelyn Crider, chairman of the Dairy Princess promotion committee, shows the June Dairy Month promotion from the American Dairy Association.



promotion. Evelyn explained that for two years the committee has sponsored a dairy day at Park City Mall and for several hours the contestants serve small glasses of white milk to the public. This year Evelyn said she expects that they will hand out over 1500 glasses of milk. There is also a cow and calf and dairy promotion literature to help educate the consumer.

Evelyn said the dairy princess now spends a lot of time going into local school systems, including Lancaster city schools, and

"educating the children on the importance of milk, and telling them where milk comes from." This activity is one which Mrs. Crider feels is of prime importance to the whole dairy industry.

Of course, modern Dairy Princesses make the rounds of cow shows and farm-related banquets to let farmers know what she is doing on their behalf. She also speaks at some service clubs, but Evelyn would like to see the number increased.

A by-product of the contest is that contestants have an opportunity to broaden friendships with the other girls. Deb Kreider, the current Lancaster County dairy princess, hosted a get-acquainted reception at her home, featuring dairy products for refreshments. They also meet with a beauty counselor and even work up a choreography routine for the contest, Evelyn says.

All of this serves to benefit the girl, Evelyn feels. "Naturally the more exposure in conducting themselves in public, the more maturity they gain. They begin to feel secure and confident. Also, everytime we get the girls together we are educating them. We feel that every girl is a winner, but we can only crown one."

As for the winner, Evelyn says, "There are materialistic rewards, like the wardrobe we provide for her. But she becomes more knowledgeable about the industry and gains maturity. Her education is broadened through making new friends and visiting many places. She even learns about psychology through dealing with people."

Most importantly, Evelyn said, "She learns how fortunate she is to be the daughter of a dairy farmer."

[Continued on Page 43]



Any committee chairman must spend a lot of time on the phone, and in May and June Evelyn is particularly busy as she organizes the dairy princess contest activities.

promotion for June which will feature "shake up a magic cow," offering cups with lids for shaking and suggesting that pre-sweetened soft drink mix be used with milk for a refreshing Summer drink. It is these kind of promotions which benefit the dairy industry, she said. "This shows that when you make it attractive and fun, kids will drink it." She made this statement after using the cups with her own teenagers and getting reports from committee members who have used the cups with young children. Committee members have suggested that with this promotion all the surplus milk may find a market!

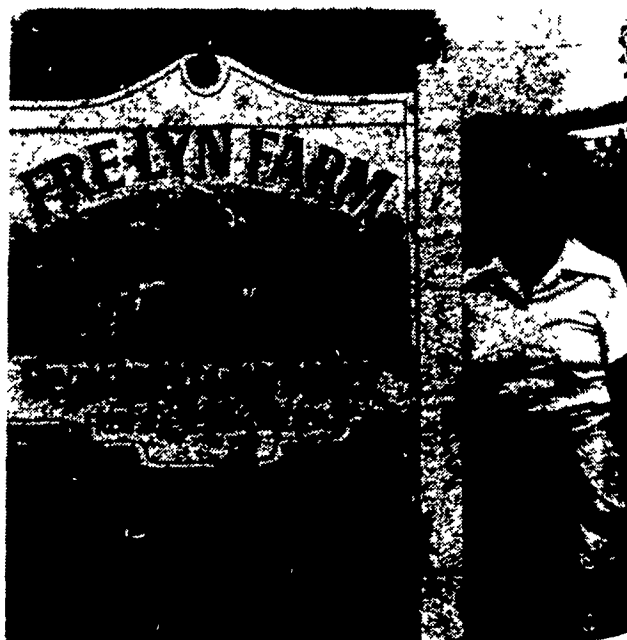
Evelyn said, "The dairy farmer is getting far more value out of the dairy princess promotion than he realizes. We are getting a lot

of mileage out of a few dollars."

One reason for the need for increased milk promotion, Evelyn feels, is that most consumers are getting so far removed from farming. "Times are changing," Evelyn stated, "Formerly everybody had a relative on the farm and would go visit. Now children have little contact with where food comes from."

To Evelyn's way of thinking, the dairy princess promotion program is a good way for the daughter of a dairyman to "show gratitude and push the product which has given her benefits. The dairy industry has treated her pretty good, and this is a chance for her to help," Evelyn says.

The contest itself has changed, and every contestant gets an opportunity to do some



Fre-Lyn Farms is the home of the Fred Crider family. Evelyn believes in promoting the dairy products her husband produces.

Homestead Notes

[Continued from Page 42]

Her lot in life in pretty good."

Evelyn is in the second year of a two-year stint as chairman of the committee. She said, "Sure it's a lot of work, but it is enjoyable. It's a treat to watch the girls, and I've made friendships with them which are lasting. I also get to meet their parents and make friends." It's the custom now for a man and wife to work together on the committee, and Evelyn said, "I wouldn't want to do it without Fred."

The Crider's milk about 60 Guernseys at their Fre-Lyn

Farm, at Nottingham R2, just south of Little Britain. They have four children: Alan, 21; Diane, 19, and a former dairy princess; Deb, 18; and Rick, 17. Alan is at home after receiving an associate degree; and two daughters are in college; and Rick is a senior at Solanco. Crider's have lived at their present location for about 12 years, having moved to Little Britain and the farm of Arthur Brown when they learned that it was available. Prior to that time, Fred had worked at Masonic Homes in Elizabethtown, but both he and Evelyn are Franklin County natives.

Evelyn, who was raised on a horse farm, said the hardest adjustment to moving to a dairy farm was having no days off. However,

she said they quickly learned they needed to have time with the family and now try to go to the mountains in the Spring and the shore in the Summer. With the children older now they also take off alternate Sundays. About vacations, she said, "It's one of those things you can't afford to do, but you can't afford not to."

The Crider's are members of Calvary Independent Church, Mechanics Grove, and Evelyn belongs to the Little Britain Homemakers. She also serves as a teacher for Wednesday morning Bible studies in her home, and with Fred they host a couples' Bible study one Saturday evening a month. She said, "We have a variety of religions represented and it's a time of sharing and teaching. It proves that people are hungry for the Word." There is another teacher for these evening sessions. Refreshments, you can be sure, represent a variety of dairy products.

Evelyn enjoys reading and sewing, and likes to help care for the lawn and flowers.

For Evelyn, "June Dairy Month" means an increased



Dairy products supply 75 per cent of our dietary calcium needs.

xxx
The average American consumes 134 quarts of milk in a year.

ccc
Whole milk contains 3.25 per cent fat.

xxx
U.S. dairy cows produced 120 billion pounds of milk in 1976.

xxx
work load, but she is an enthusiastic spokesman for the dairy industry year round.

Ida's

Notebook



Ida Risser

"As the long, hot days of Summer draw nearer, I'm sure many children are anxious for school days to be over for the season. Our son is no exception; as he looks forward to driving big equipment to cut alfalfa and bale hay.

As it is now, he puts in long days. They start by his feeding the calves before the 7 o'clock bus and unloading hay when he comes home after school. Recently, he stayed up half the night to finish a term paper and then typed it too. Since he studied typing, I didn't feel it necessary to offer my services as I had done for his brothers. Guess I should have thought, as the next day he had to get up earlier than usual for a trip to State College to practice judging dairy cattle.

He's a good worker and we miss him when he goes on short vacations.

xxx
As if I didn't have enough to do just now by picking

sugar peas one day and then strawberries the next day, I said, "Yes" to chaperoning a school group. We went to the new courthouse in Lancaster and sat through a morning of court trials.

The children were interested in a case where an interpreter was used for a Puerto Rican youth accused of theft. They only heard the last half of the trial and so were probably biased in their judgement. The consensus of opinion was the same as the jury's verdict but even so they felt the judge gave a stiff sentence considering the circumstances.

Court cases move at a slow pace with some people waiting weeks before their cases are heard. And so the children became a restless bunch who thought up a dozen excuses to leave the room during lulls. But, finally noon came and the bus arrived to take us back to a regular routine again.

UNCLAIMED FREIGHT CO. AND LIQUIDATION SALES

240 - Cans Tennis Balls, Green - \$1.00 Can

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150 - Cutting Boards - Reg. \$9.95 Our Price \$3.00

Lawn Darts, Game - \$2.00

50 - Bar Stools, Pine - Reg. \$109.95 Our Price \$38.50

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10 Pc. Open End Wrench Sets - Reg. \$32.50 Our Price \$12.00

11 Pc. Comb. Wrench Sets - Reg. \$42.50 Our Price \$16.00

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Needle nose pliers, 4 sizes per set - Reg. \$21.00 Our Price \$6.00

All Sizes air conditioners

12 - 3 Pc. end table sets - Reg. \$149.95 Our Price \$79.95

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700 - Name Brand recliners - full warranty - made up for exclusive store's due to some of these stores going out of business, and period of time in manufacturing of these recliners they cancelled while in production - we purchased at great savings.....most will be sold at wholesale prices.....

Name Brand Smoke Alarms - wholesale, water pic's, shower heads....

40 - Swivel rockers, Velvets & Rayon, Ass't Colors - Reg. \$119.95 Our Price \$49.95

6 - 3 Pc. Living Room, sofa, love seat, chair, herculon - Reg. \$789.95 Our Price \$309.95

25 - Bow back cane seat rockers - Reg. \$139.95 Our Price \$69.95

50 - White cane rockers - Reg. \$139.95 Our Price \$45.00 (Don't miss this one)

6 - sets, maple, 11 pc. youth stack bedroom sets, consists of: 4 hutches, 1 chest, 2 dressers, 2 desks, 1 chair, complete bunk bed set w-bedding - Reg. \$2,189.00 Our Price \$949.95.....

66 - Bench vises, all sizes, wholesale & under

Large selection of TV's, consoles & portables, wholesale & under....large selection of stereo's....

Furniture dealer went out of business, we purchased inventory & floor display, odd chairs, living room suites, sleepers, tables, chairs, desks, recliners, head boards, & etc. Everything under wholesale & make offers.....

2 1/2 trailer loads, special order merchandise made up for dealers, refused, we purchased from manufacturer

30 - Sofa's, all styles - Reg. \$400-\$600 - Nylons & herculons Our Price \$179 - \$209

10 - Chairs, Early American & modern - Reg. \$189-\$229 Our Price \$69.95

20 - Small ladies desks, solid oak - Reg. \$129.95 Our Price \$35.00

27 - Deluxe cassette recorders - Reg. \$89.95 Our Price \$32.50

20 - Chaise lounge chairs - Reg. \$269.95 Our Price \$59.95

114 - 40 Pc. Flatware stainless steel - Reg. \$59.95 Our Price \$12.00

450 - Sets end tables, refusals & factory discontinued models - under wholesale

Vac's, hope chest, grandfather & grandmother clocks.....

5 - 3 Pc. Modern sofa, love seat, chair - Reg. \$729.95 Our Price \$289.95

15 - Maple Dining Room or Kitchen sets, table, leaf, 4 chairs - Reg. \$239.95 Our Price \$99.95

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All Types sewing machines, Cab. & Portables

22 - Bunk Bed sets, Incl. Bedding - Reg. \$309.95 Our Price \$149.95 & \$169.95

110 - Desks, all sizes, wholesale & under.....

55 - Complete bedroom sets

55 - Tennis rackets, Alum. - Reg. \$39.95 Our Price \$15.00

28 - 5 Pc. Dining Room sets, wood, maple, pine, - Reg. \$269.95 Our Price \$139.95

125 - Sets Singles, Doubles, Queen & King Box Springs & Mattress - wholesale & under 250-312 coil set - Reg., Firm & Extra firm.....

205 - Frames, Bed Rails - wholesale & under

50 - 5 Band Radio AC-DC - portable - squelch control - built-in 120 min. timer - plus more features - full MPX - Dealer's cost \$64.76.....Retail - \$89.95.....Our Price \$45.00.....If you are looking for a good 5 Band Radio don't miss this one - we will even show you the sheet on it.....

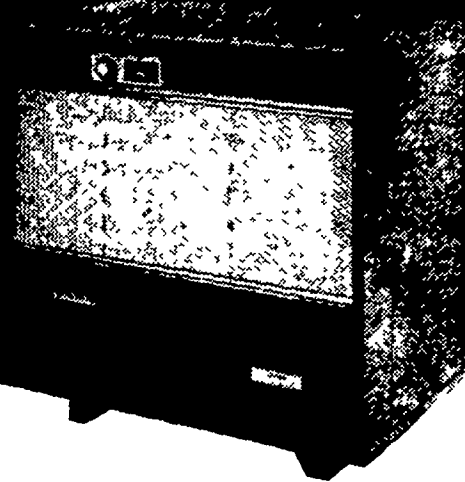
MANY MORE ITEMS TO CHOOSE FROM-IF YOU DON'T SEE IT - ASK FOR IT.....FULL WARRANTY-FINANCING THRU BANK, ACCEPTANCE CORP. - LAY-A-WAY.....

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8 a.m. to 6 p.m., Tues., Thurs., Sat.

Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist



ALL ABOUT CHEESE

Say "cheese" and you will just naturally smile. Behind that smile may be more than meets the camera's eye.

If cheese has been a regular in your diet, your smile may just be brighter and your teeth stronger, because cheese is high in protein, vitamins, and other nutrients necessary to good health and physical stamina. So important has cheese become that today, according to the U.S. Department of Agriculture (USDA), almost one-fifth of the U.S. milk production goes into cheese.

Its nutritional value was understood as far back as ancient Greece (4000 years ago), for legend has it that the Greek Olympic athletes trained on the cheese diet. Over the years, cheese got a mighty boost from some important cheese fanciers such as Charlemagne, Thomas Jefferson, and Andrew Jackson.

A popular and practical gift, it was so, even in the days of Queen Victoria when, on the occasion of her marriage to Prince Albert, she was presented with a giant 1100 pound wheel of cheese that stood 20 inches high and measured nine feet in diameter.

This monumental gift required a day's yield of milk from 780 cows. Those proportions haven't changed a whole lot, for today one pound of Cheddar cheese requires 10 pounds of milk or almost five quarts.

When cheesemaking first began in this country, about 150 years ago, the cheeses took their names from the

foreign places of their origin...Cheddar and Stilton, England; Muenster, Germany; Port du Salut, Camembert, Brie, Roquefort, France; Romano, Italy; and Sap Sago, Switzerland to name a few.

You will see these cheeses in your dairy counters in a variety of shapes and sizes—wedges, oblongs, segments, cubes, slices, blocks, and rounds. The shapes and sizes, however, do not necessarily establish the variety of the cheese nor does the shape have any purpose other than that of a marketing technique.

Some of the terms you are apt to encounter on various cheeses may be confusing. A package labeled "Pasteurized Process Cheese" means that cheese is a blend of fresh and aged natural cheese which has been shredded and then heated to the proper degree for perfect blending.

"Pasteurized Process Cheese Food" is prepared like processed cheese but contains less cheese and more nonfat milk or why solids and water. This cheese food often contains pimientos, fruits, vegetables or meats and may have a smoked flavor in some instances.

"Pasteurized Process Cheese Spread" contains higher moisture and lower milk fat content than the other process forms and is usually more spreadable than the cheese food. It is often packaged in jars. It is a good choice for stuffing celery stalks, for use in deviled eggs, hot vegetables,

sauces and dressings, and snacks.

Cottage cheese, cream cheese, and Neufchatel are all unripened fresh cheeses. Cottage cheese is made from pasteurized skim milk while cream cheese is made from a mixture of whole milk and cream. Neufchatel, which is similar to cream cheese, contains less fat and more moisture than cream cheese. All of these soft unripened cheeses are considerably more perishable than the ripened cheese and should be used within a few days from purchase.

Cheese is also classified by the ripening or curing stages it goes through. The soft, unripened varieties include cottage, cream and Neufchatel cheeses. The soft ripened varieties are Brie, Camembert, and Limburger.

Semisoft ripened varieties include Bel Paese, Brick, Muenster, and Port du Salut, while the firm ripened are Cheddar, Colby, Edam, Gouda, and Provolone and Swiss.

The hard ripened varieties are those used mainly for seasoning in soups and vegetables, pizza and other pasta and include Parmesan, Romano and Sap Sago. Many can be purchased in grated form.

One other category is the Blue-vein mold ripened varieties and in this category are blue cheese, Gorgonzola, Roquefort and Stilton.

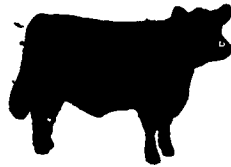
The cheeses named here are just some, although probably the most popular, of the many cheese available on the market. Experts tell

The average dairy cow produces 4815 quarts of milk in a year.

xxx

It takes 21.2 pounds (one quart weighs 2.15 pounds) of whole milk to make one pound of butter.

xxx



us there are nearly 200 varieties produced.

A word of caution when cooking with cheese...always use low heat. Too much heat will cause cheese to become tough and stringy. Heat just enough to melt and blend, and always make it the last item to be added to any sauce.

It's always a good time to get acquainted with such a nutritious, versatile, and good tasting food as cheese. Right now may be especially timely since cheese is in abundant supply and since June is Dairy Month you may find cheese at special prices.

Lancaster Co. Society 4

The members of Lancaster County Farm Women Society 4 heard suggestions for removal of foreign objects from the throat at their most recent meeting held at the Mountville Church of the Brethren on May 28.

Jay Smith, Landisville, was the speaker. Smith was instrumental in starting the Hempfield Ambulance program.

In his lecture, Smith gave several causes of breathing trouble: high blood alcohol content; improper chewing food caused sometimes by poor fitting dentures; and the placing of foreign objects in the mouth.

He also pointed out that the universal signal of breathing trouble is to put the hand to the throat.

During the business meeting it was decided to give \$25 to the scholarship fund of the home economics department of Hempfield High School. Ten dollars was also contributed to the 4-H FYE program.

The group's next meeting will be held at the Hershey

Farms on June 25. At that time, a luncheon will be held, after which the group will tour White Chimneys.

Lancaster Co. Society 11

Lancaster County Farm Women Society 11 met on May 25 in the social room of the Quarryville Methodist Church with President Violet Eshleman in charge.

A Spring bus trip was discussed.

It was decided to donate \$10 for each of the following projects: the dairy princess contest, the Quarryville Community Library, and the IFYE program.

The afternoon's entertainment was a safety program. Each member told of the preparations or experiences they have had for fighting fire or electrical disturbances.

An auction was held and the committee served refreshments.

The June meeting will be held on June 30 at the home of Mrs. Ruth Henry. Mrs. Mary Boomsma will show slides of Holland and comment on her visit to that country.

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BOBCAT 610	\$4500
LONG 350	\$3400
LONG 445	\$5100

NEW

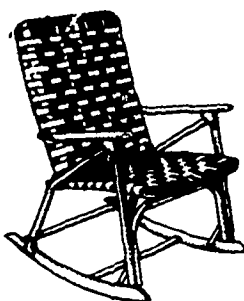
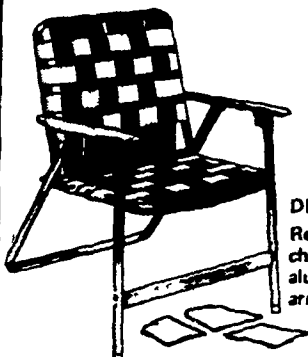
LONG 4 WH. DRIVE WITH BACKHOE & LOADER \$10,500

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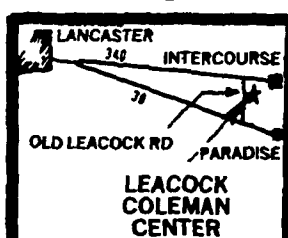
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OF JUNE

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SINGLE \$119 **DOUBLE \$139** **QUEEN \$195**
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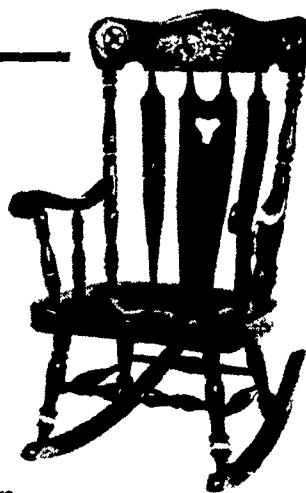
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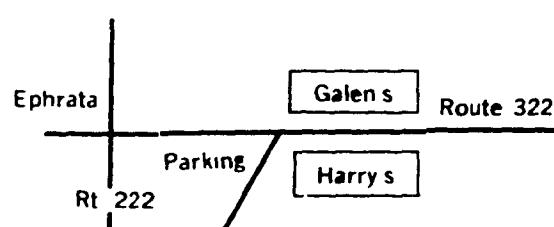
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Women's Calendar

Saturday, June 4

Lancaster County Society 10
meeting at 1:30 p.m. at
Huber's on the Manheim
Pike to entertain Society
29.

Lancaster County Society 6
meeting at the Church of
God to entertain Society
25 and county officers.
The program is pillow
art.

Lancaster County Society 1
meeting at 1:30 p.m.
Hostesses are Margaret
Bucher and Amy
Brubaker. The program
will consist of Mrs.
Willard Buckwalter from
"Herbcraft".

Lancaster County Society 23
meeting at 5:30 p.m. to
entertain guests of the
Brereton Manor.

Monday, June 6

Lancaster County Society 14
meeting at 6:30 p.m. at
the Willow Valley
Restaurant for a
mother - daughter
banquet. Speaker will be
Mrs. Ralph Good.

Tuesday, June 7

Lancaster County Society 17
meeting at 7 p.m. for a
night out. Location is
Rhoads Restaurant.

Wednesday, June 8

Berks County Group 1
meeting. Hostess will be
Mrs. Emma McLean. "A
Salad Smorgasbord."

Thursday, June 9

Lancaster County Society 15
meeting at noon at the
Black Rock Retreat. The
program is Ralph
Schneider on "Gourd
Creations."

Lancaster County Society 9
meeting at 12:30 p.m.

Lancaster County Society 21
meeting at 7:30 p.m.

Friday, June 10

Lancaster County Society 13
meeting at 7:30 p.m.

Saturday, June 11

Lancaster County Society 19
meeting at 1:30 p.m.
Hostess is Marion
Weaver for a tour of
Donegal Mills
Plantation.

Lancaster County Society 2
meeting at 1:30 p.m.
Hostess is Beulah
Graybill.

Honey Production Slightly Up

The Crop Reporting Board
estimates U. S. honey
production in 1976 at 199.8
million pounds, a gain of one
per cent over a year earlier.

Sheep Still Shrinking

As in every year since
1960, the U. S. sheep and
lamb population dwindled
again in 1976. As of January
1, 1977, there were an
estimated 12.7 million of
these animals on American
farms, five per cent fewer
than a year earlier and 12
per cent below the 1975
count.

Farmland Going Up

One of the hottest
properties today is
American farmland. The
price for an average acre
last fall was \$455 - up 17
per cent from a year ago, reports
the U.S. Department of
Agriculture. The outlook for
1977 is for continued land
price increases, especially in
the corn belt and Appalachia.



Dairy products are versatile

Well, we did it. We broke all records for dairy recipes in Lancaster Farming. And, from the looks of the nearly 60 contributions sent into us, it is evident that dairy products are versatile, lending themselves to a wide array of foods. From beverages to main dishes, soups, desserts, puddings, ice cream, vegetables, and other various and sundry concoctions, dairy products are delicious ingredients.

At this point, we would like to say "Thank you" to everyone who helped to make this week's "Home of the Range" a record breaker. From the first week after our plea for the milk-based recipes was printed, we had them flooding our office. We've only printed one recipe from each contributor who sent any into us, but we will be using the remainder during June Dairy Month. We hope you enjoy them.

Bountiful beverages

CITRUS COOLER

1 package (3- $\frac{3}{4}$ oz.) instant lemon pudding mix
4 cups milk
One-third cup undiluted frozen orange juice concentrate, thawed
Orange sherbert or vanilla ice cream
Prepare pudding mix as directed on the package using four cups of milk. Stir in orange juice and refrigerate. Pour into tall glasses and top with a scoop of orange sherbert or vanilla ice cream. Garnish with mint.
Mrs. E. F. Lapp
Peach Bottom, Pa.

CRANBERRY EGGNOG

6 eggs, beaten
1 pint heavy cream, whipped
 $\frac{3}{4}$ cup sugar
2 pints cranberry juice
Combine eggs and whipped cream; fold in sugar. Combine with cranberry juice; Serve. Yields 12 servings.
Claire Coombs
Gardners, Pa.

DOUBLE STRAWBERRY COOLER

1 cup strawberry yogurt
 $\frac{1}{2}$ cup strawberry ice cream
1 cup skimmed milk

Just blend in blender and be refreshed!

Marlene Bomgardner
Annville, Pa.

EGGNOG

One-third cup sugar
2 egg yolks
 $\frac{1}{4}$ teaspoon salt
4 cups milk
2 egg whites
3 tablespoons sugar
1 teaspoon vanilla

Beat one-third cup sugar into egg yolks until creamy. Add salt; stir in milk. Cook over medium heat, stirring constantly till mixture coats spoon. Cool. Beat egg whites till foamy. Gradually add three tablespoons sugar, beating to soft peaks. Add to custard and mix thoroughly. Add vanilla. Chill three to four hours. Serves six to eight.

Mrs. Bonnie Peoples
Rising Sun, Maryland

GINGER GRAPE SODAS

3 cups milk
 $\frac{3}{4}$ cup (6 oz. can) frozen grape juice concentrate (thawed)
1 pint vanilla ice cream
2 bottles (7 oz. each) chilled ginger ale
1 pint vanilla ice cream
In a mixer or blender, combine milk, grape juice concentrate and one pint vanilla ice cream. Pour into six tall glasses, divide ginger ale among them and top each with a scoop of vanilla ice cream.

Mrs. E. F. Lapp
Peach Bottom, Pa.

MILK DRINKS

1 tray ice cubes
Two-thirds cup cream
2 eggs, optional
1 cup fresh fruit
Sugar to taste
Combine all ingredients in blender. Then, add enough milk to fill blender, and whip until creamy. Strawberries and peaches are especially good.

Mrs. J. G. Reliff
Ephrata, Pa.

ORANGE BUTTERMILK SHAKE

1 cup buttermilk
1 scoop vanilla ice cream
 $\frac{1}{2}$ cup orange juice
2 tablespoons brown sugar
Measure all ingredients into blender. Mix on high speed until smooth or beat with rotary beater. Makes two servings about $\frac{3}{4}$ cup each.

Harriet Greenawalt
Lancaster, Pa.

PARTY PUNCH

2 cans fruit punch
2 (6oz.) cans frozen orange juice concentrate
 $\frac{1}{2}$ gallon vanilla ice cream
Beat all ingredients with electric mixer and serve.

Mrs. Glenn Miller
Stevens, Pa.

Vitamin-packed vegetables

CHEESE POTATOES

6 medium potatoes
cooked in skins
 $\frac{1}{2}$ cup butter
3 cups grated cheddar
cheese (or any yellow
cheese)
1- $\frac{1}{2}$ cups sour cream
One-third cup onion
Peel potatoes and
grate. Over low heat melt
cheese and butter. Add
onion and sour cream.
Then mix potatoes. Pour
into greased casserole
and bake at 325 degrees
F. for 25 minutes.

Mrs. Kenneth Preutt
Hume, Va.

CORN PUDDING

3 tablespoons cornstarch
1 (13-oz.) can evaporated
milk
1 (16 oz.) can crushed
corn
 $\frac{3}{4}$ cup sugar
2 eggs, beaten frothy
 $\frac{1}{2}$ stick butter, sliced on
top
Mix ingredients in
order given. Place in
buttered two-quart

baking and serving dish
Bake at 350 degrees F. for
one hour or until firm

Pennie Smith
Monkton, Md.

GREEN BEAN CASEROLE

14 slices bread (cubed
without crust)
 $\frac{1}{2}$ cup melted butter
2 (16 ounce) cans green
beans, drained
2 (3 ounce) cans
mushrooms (sliced
and drained)

Salt and pepper
1 small onion (diced)
1 (10- $\frac{1}{2}$ ounce) can cream
of mushroom soup
 $\frac{1}{2}$ can of milk

1 ($\frac{3}{4}$ ounce) package
almonds (sliced and
toasted)

Preheat oven to 400
degrees F. Toss bread
cubes with butter. Spread
half mixture evenly into
bottom of greased two-
quart casserole. Cover
with beans and top with

[Continued on Page 95]

Miscellaneous

CHOCOLATE JELLY

2 envelopes unflavored
gelatin
4 cups milk
1 cup sugar
Dash of salt
2 squares unsweetened
chocolate (melted)
1- $\frac{1}{2}$ teaspoon vanilla
Soak gelatin in a $\frac{1}{2}$ cup
of milk for five to 10
minutes. Scald the
remaining milk with the
sugar and salt. Then add
the softened gelatin. Stir
over low heat until the
gelatin is completely
dissolved. Add the melted
chocolate. Cool slightly,
and add the vanilla. Pour
the mixture into a wet
mold. Chill until firm.
Serve with whipped
cream or vanilla ice
cream.

Mrs. John Kiser
Codorus, Pa.

COTTAGE CHEESE DRESSING

1 cup cottage cheese
 $\frac{1}{4}$ cup catsup
6 tablespoons vinegar
 $\frac{1}{4}$ teaspoon salt
6 tablespoons salad oil
 $\frac{1}{4}$ teaspoon pepper
 $\frac{1}{4}$ teaspoon paprika
Blend cheese with

catsup and other
ingredients. Serve with
greens or sliced
tomatoes.

Mrs. A. Shuman
East Waterford, Pa.

MUENSTER CHEESE

2- $\frac{1}{2}$ gallons sour milk
2 heaping teaspoons soda
 $\frac{1}{2}$ cup butter
2 cups sour cream
1 tablespoon salt
Buttered mold

Let sour milk set until it
is thick like junket. Then,
scald it until it is too hot to
hold your hand in, and
pour into cheesecloth. Let
hang until curds are dry
(overnight or about 12
hours). Crumble curds
and mix in two heaping
teaspoons soda and $\frac{1}{2}$ cup
butter. Let set for two
hours, then put in top of
double boiler. Add one
cup sour cream and melt.
When melted, add
another cup of sour
cream and one tablespoon
salt. Mix Well. Pour into a
buttered mold. Let set
until completely cold and
slice.

Mrs. Glenn M. Miller
Stevens, Pa.

Dairy main dishes

BAKED HAM IN MILK

1 slice of ham about 2 or 3
inches thick
3 tablespoons flour
2 tablespoons sugar
1 tablespoon dry mustard
Milk

Mix flour, sugar, and
dry mustard together;
put mixture on both sides
of ham. Place in roaster;
fill with milk almost to
top of ham. Baste often
after top starts to brown.
Bake for about one hour
or until ham is tender in
oven 350 degrees F. Note:
The milk will curdle as
the ham bakes but only
the ham is served.

Orpha G. Wolgemuth
Mount Joy, Pa.

CREAMED CHICKEN ON TOAST

1- $\frac{1}{2}$ cup diced stewing
chicken
 $\frac{1}{2}$ cup finely cut celery
2 cups milk

1 tablespoon butter
3 tablespoons flour
1 teaspoon salt
Dash of pepper
1 tablespoon finely cut
chives or onion
1 hard boiled egg

Melt butter in a quart
sauce pan. Add flour. Mix
to a smooth paste and add
milk. Slowly bring to the
boiling point, stirring
constantly to avoid
lumping. Bring to a boil
and add chicken, celery,
chives, salt and
pepper. Heat thoroughly.
Serve with toast topped
with thin-sliced hard
boiled egg.

Mrs. James Renner
Hatfield, Pa.

CREAMED TUNA WITH PEAS AND CARROTS

1 can tuna (about 6 or 7
oz.)
1 onion (chopped)
 $\frac{1}{4}$ cup flour

1- $\frac{1}{2}$ cups milk
1 can peas and carrots

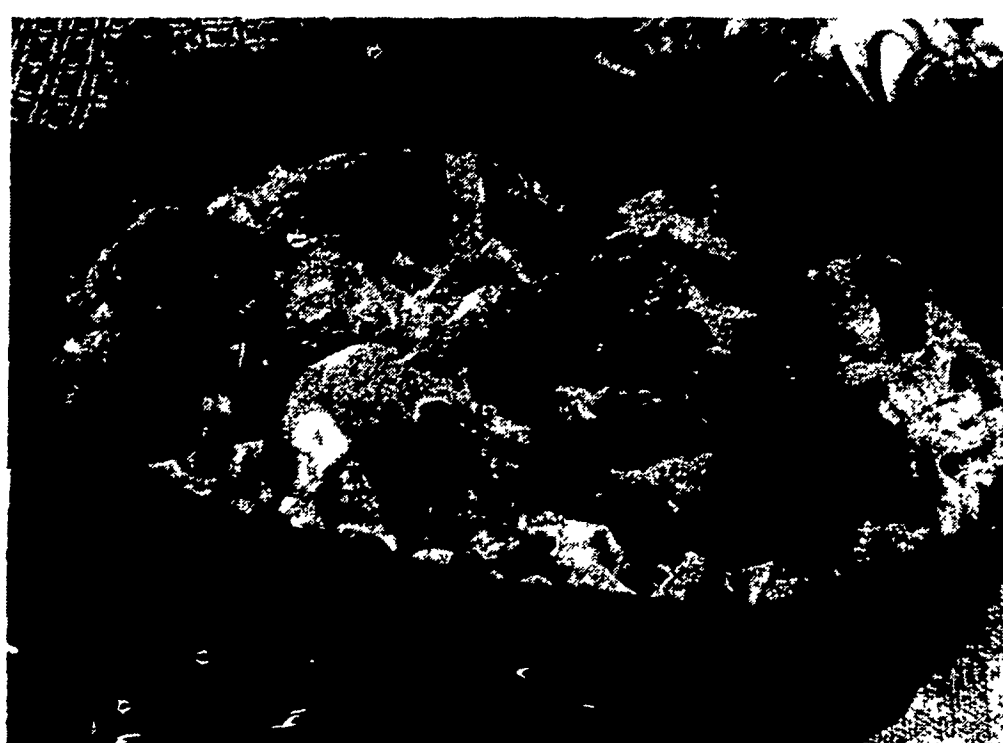
Drain oil from tuna into
saucepan. Add onion and
simmer until tender.
Remove from heat. Stir in
flour, then slowly add 1- $\frac{1}{2}$
cups milk. Drain liquid
from peas and carrots
into milk mixture and
mix. Return to heat and
cook, stirring constantly,
about 10 minutes. Add
tuna, peas and carrots
and cook until hot and
thick. Serve on toast or a
bed of noodles. Makes a
tempting lunch.

Mrs. Dale Heffner
Windsor, Pa.

HAM, POTATO AND CHEESE CASEROLE

3 cups cooked cubed ham
3 cups cooked cubed
potatoes
1 medium onion

[Continued on Page 118]



Chicken Paprikash, inspired by Hungarian cuisine, needs only a green garden salad as an accompaniment to provide texture contrast.

Delicious dairy desserts

CHERRY TOPPED CHEESECAKE

- 1 package yellow cake mix
- 2 tablespoons oil
- 2 packages (8 ounces each) cream cheese, softened
- ½ cup sugar
- 4 eggs
- 1½ cups milk
- 3 tablespoons lemon juice
- 3 teaspoons vanilla
- 1 can (1 lb. 5 oz.) cherry pie filling

Preheat oven to 300 degrees F. Reserve one cup of dry cake mix. In large mixing bowl combine remaining cake mix, one egg, and oil (mix will be crumbly). Press crust mixture evenly into bottom and ¾ way up the sides of a greased 13 x 9 x 2 inch pan. In same bowl, blend cream cheese and sugar. Add three eggs and reserved cake mix. Beat one minute at medium speed. At low speed slowly add milk and flavorings. Mix until smooth. Pour into crust. Bake at 300 degrees F. for 45 to 55 minutes until

center is firm. When cool, top with pie filling; chill before serving. Store in refrigerator freezer covered with foil.

Mrs. Kenneth Preutt
Hume, Va.

CHEESE CAKE

- Graham cracker crumbs
- 1 pound small curd cream style cottage cheese
- 2 packages (8 ozs. each) cream cheese, softened

- 1½ cups sugar
- 4 eggs, slightly beaten
- ¼ cup cornstarch
- 2 tablespoons lemon juice
- 1 teaspoon vanilla
- ½ cup butter or margarine, melted
- 1 pint commercial sour cream

Spread the bottom and sides of a nine-inch spring-form pan with butter. Dust the sides with graham cracker crumbs. Force cottage cheese through a fine mesh sieve into a large mixing bowl; add cream cheese. Beat with high speed electric mixer until well blended and creamy. Beating at high speed,

gradually blend in sugar, then eggs. Reduce speed to low. Add cornstarch, lemon juice, and vanilla. Beat until blended. Add melted butter and sour cream. Blend at low speed. Pour into the prepared pan. Bake in a slow oven (325 degrees F.) until firm around the edges - about one hour and 10 minutes. Turn off the oven and let the cake stand inside with the oven door closed for two hours; Remove from oven and cool completely on a wire rack. Chill. Remove sides of pan. Makes 12 servings.

To freeze, wrap the cheese cake in plastic film. Freeze. Defrost, wrapped, in refrigerator overnight. Cake may be kept frozen for up to one month.

Mrs. Howard Brossman
Rehrersburg, Pa.

CHEESE PIE

- 1 (eight ounce) package cream cheese
- 7 tablespoons sugar

[Continued on Page 100]

Ice cream varieties

HOME MADE ICE CREAM

- 6 eggs
- 4 cups sugar
- 4 cups cream
- 1½ quarts milk
- 1 tablespoon vanilla
- Two-thirds cup cocoa (optional)

Beat eggs and sugar together until mixture is light and creamy. Add the cream and some whole milk. Mix well. Pour mixture into six quart freezer can. Add milk until can is full to within three to four inches of top. Add flavoring and freeze for 12 to 15 minutes. (When making chocolate,

mix cocoa and sugar at first.)

Joanne Priest
Hagerstown, Md. and
Janet Stevens
Wysox, Pa.

STRAWBERRY ICE CREAM

- 2 packs whipped topping
- 4 eggs
- 1 pint fresh or frozen strawberries
- 2 cups sugar
- 1 cup PDQ Strawberry Bits or 1 cup Nestle's Quick Strawberry flavoring
- 1 cup cream
- Milk

Beat topping as directed on package and

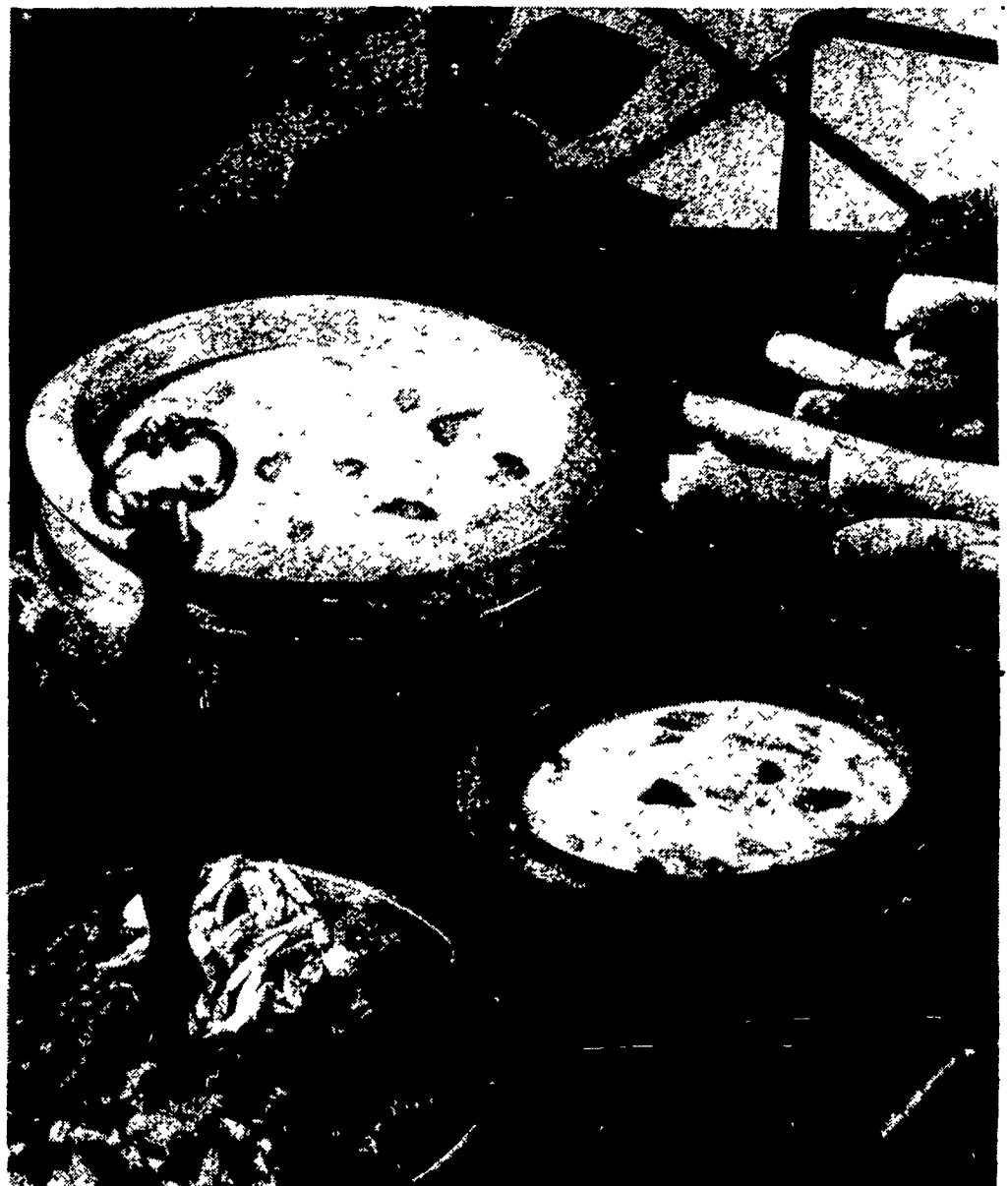
put into ice cream container. Beat eggs and sugar together on medium speed until yellow and creamy; about four to five minutes. Add strawberries, flavoring, and cream and beat for another two minutes. Put into container and add milk to fill about 5 inches from top. This recipe is for a 6-quart ice cream freezer.

Gloria Loch
Fogelsville, Pa. 18051

MARSHMALLOW ICE CREAM

- 5 eggs, beaten

[Continued on Page 118]



Cheese soup makes a delicious noon meal.

Scrumptious soups

CHEESE SOUP

- ½ cup finely chopped onions
- 4 tablespoons butter
- 4 tablespoons flour
- 1½ tablespoons corn starch
- 4 cups chicken broth (try with finely chopped meat)
- 4 cups milk
- 1 cup chopped carrots (cooked)
- 1 cup chopped celery (cooked)

Dash of paprika
½ pound cheddar cheese, finely cut
Chopped parsley to taste
Saute onions in butter until tender and glassy. Add flour and cornstarch, blending well. Add stock and milk gradually, stirring constantly. When boiling, add carrots, celery, paprika, and cheese. Cook over low heat until the cheese is completely melted. Add

salt, if necessary. Serve hot with parsley sprinkled on top.

Mrs. John Kiser
Codorus, Pa.

CORN RIVEL SOUP

- 1 cup cut, canned or frozen corn
- 1 quart milk
- 1 cup flour
- ½ teaspoon salt
- 1 egg
- Brown butter in

[Continued on Page 114]

Creamy puddings, parfaits

BREAD PUDDING

- 2 eggs, beaten
- 4 tablespoons sugar
- 1 pint milk
- ½ teaspoon salt

Beat eggs well. Then add sugar, milk, and salt. Place in buttered two-quart casserole and add two slices buttered bread, cubed. Bake at 350 degrees F. until firm.

Mrs. Carl S. Bacon
Felton, Pa.

CARAMEL CUSTARD

- One-third cup sugar
- One-third cup water
- 4 eggs
- ¼ teaspoon salt
- ¼ cup granulated sugar
- 2½ cup milk
- 1 teaspoon vanilla

Combine sugar and water in small saucepan over moderate heat. Cook without stirring for about six to eight minutes or until mixture has become a light brown caramel syrup. Remove from heat. Quickly pour equal portions of mixture into six (6 oz.) custard cups, rotating cups to coat. Cool until firm. Beat eggs with salt until they begin to froth, add sugar, milk, and vanilla. Stir to dissolve sugar, strain. Pour egg-milk mixture over caramel, filling cups ¾ full. Place cups in baking pan filled with about one inch hot water. Bake in slow oven, 325 degrees F., about 35 minutes or until center is set. Remove from oven, lift cups from water and cool. Chill six to eight hours or overnight to allow sauce to form on bottom. To serve, unmold, turning custard upside down onto serving plate.

Caramel forms a sauce. Makes six servings.

Mary Oberholtzer
Richland, Pa.

CAROB PUDDING

- 3 cups milk
- ½ cup sugar
- 2 tablespoons carob
- 4 tablespoons cornstarch
- dash of salt
- 1 cup milk
- 1 beaten egg
- 1 teaspoon vanilla

Heat milk. Mix together remaining ingredients. Add to hot milk and cook until thickened. Add 1 beaten egg. Remove from heat when mixture begins to boil. Add 1 teaspoon vanilla.

When pudding is chilled, beat vigorously. If it is too thick, add a little milk or cream for proper consistency.

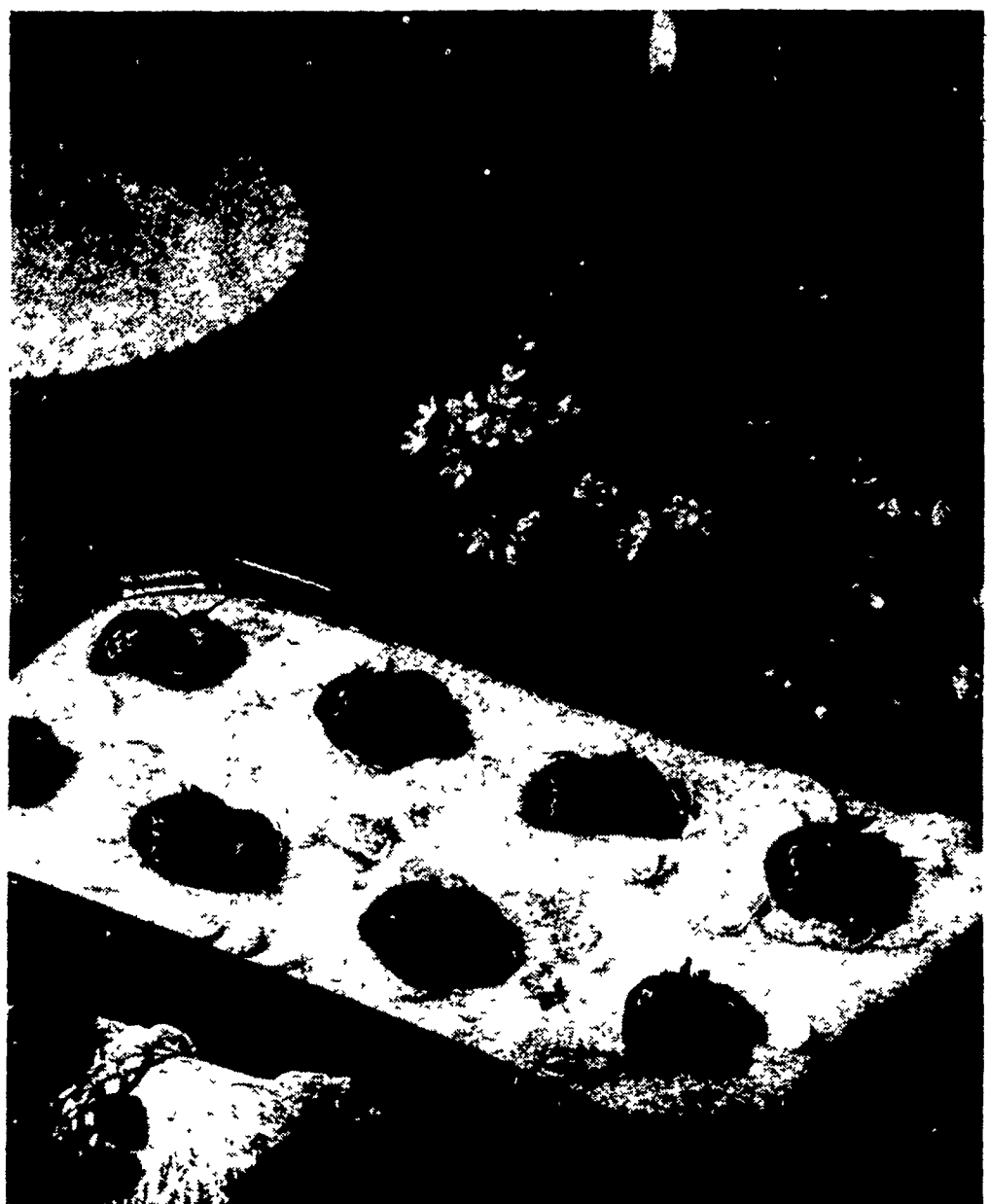
Mrs. Elmer H. Wenger
Manheim, Pa.

CHERRY VANILLA PARFAITS

- 1 cup cold milk
- 1 cup (½ pint) sour cream
- ¼ teaspoon almond extract
- 1 package (4 serving size) flavored gelatin
- Vanilla or French vanilla instant pudding and pie filling.
- 1 cup cherry pie filling

Combine milk, sour cream and almond extract in a bowl. Add pudding mix. Beat slowly with rotary beater or at low speed of electric mixer until well blended (one minute). Layer pudding and cherry pie filling in parfait glasses

[Continued on Page 84]



Fresh strawberry "fans" and effective garnish for this dessert, toasted, sliced almonds make an Lemon Trifle.

Kathy King 'came home' to dairying

By JOYCE BUPP
York Co. Reporter

DELTA, Pa. - A young Maryland couple left a farm sale near the southern York County town of Fawn Grove back in 1967 greatly disappointed. They had been counting on buying the property to establish their own dairy farm, but the final bid had climbed way beyond their purchasing powers.

The same day, about 15 miles away, another farmer died, leaving his family with the farm to sell. Through a series of word-of-mouth contacts, that 218-acre farm and the Maryland couple with a dream found each other. In the Spring of 1968, Paul and Kathy King, now of Delta R2, had come "home."

"I love it here; I never want to move away," asserts Kathy, an avid supporter of the dairy industry and of dairy farming as a way of life.

When she was a senior in high school, Kathy and her family had moved to rural Maryland from the town of Rockville, not far from Washington, D.C. One of her new friends was the daughter of the King family, owners of the Kingstead Holsteins operation.

"The cows needed us," she recalls, telling of how she and Paul married four months after they met. He was managing a dairy and hog farm. For the next two years, Kathy pitched in to help with the work and learn the farming industry from the ground floor.

"One day - and it took me all day - when I was baking my very first pie, August Nagle, of the Redgate Holstein herd, visited us and gave us the opportunity to rent his farm and purchase the herd and machinery," she says.

During the next five years, the Kings rented Nagle's farm, located at the foot of Sugarloaf Mountain, near Frederick. Then came the chance to locate in Pennsylvania on a farm of their very own.

"We moved for a year," Kathy laughingly remembers. It was a 100-mile trip each way; and it took countless round trips to move all the machinery, feeds, cows, and household goods.

"Coming around the Beltway with a manure



Early morning, and late at night, the cows are of number one importance at the Kingway farming operation. Here, Kathy King washes the milkers.

spreader loaded with forks and shovels made a real picture! And as we started to load up the tractor trailer to move the cows, one decided to deliver a calf. That calf rode to York County in the trunk of a car, still wet."

But once the unpacking began, the day got even more interesting.

"I was carrying things upstairs to put away when I glanced out the window. There was our son Peter, four years old, steering the car down over the hill, after the brake had left loose while he was in it. It stopped when it crashed through the living room wall. Fortunately, he wasn't hurt; and the wall got remodeled a second time," related Kathy, shaking her head.

The Kings have adopted three children in the 17 years they've been married. Peter, a seventh grader at Red Lion Middle School, is now 14. A lover of motorcycles, Peter has become an experienced helper around the Kingway Farm and often does the evening milking while Paul and Kathy finish the field work.

Nature-loving David is 11 and in the fifth grade. The owner of a recently purchased beehive, David is frequently seen mowing the grass with his bug-catching net in hand, adding to his extensive 4-H entomology collection.

Daughter Leslie is a third-

grade avid horse enthusiast. At eight, she's musically inclined, but isn't ready to give up her gymnastic lessons for the piano just yet. The youngsters all have 4-H dairy project animals and are involved in a number of other 4-H activities and projects.

Since that unforgettable day when the Kings moved North, they've become activists in county and statewide dairy organizations. Paul and Kathy, who had never been a 4-H member until after she was married, helped organize the first local dairy club in York County. The Milk and Money Club's 20 members recently finished fifth in the Hoard's Dairymen cow judging contest. Kathy is also a leader of the Airville Community Club, heading up dairy, entomology, and candle-making interests.

"It upset me when 4-H rules were changed some time ago to make the cut-off age 19," she emphasizes. If that had been in effect when we married, I'd never gotten involved in the organization and probably wouldn't be a leader today."

A Junior Holstein Association for the county was also organized by the Kings. This youth dairy group stages an annual showing and fitting training day, and has sponsored fund-raising calf raffles. Kathy heads up the state Holstein

group's projects.

"We just purchased a school bus, too," adds Kathy, "And we'll be using it to travel to our activities. In fact, the entire group attended a wedding 100 miles away in the new bus. People really looked when we pulled up in front of the church!"

Transporting the kids to their annual Youth Fellowship retreat will be another use for the bus. Kingway's cattle truck has

been tapped for this job a time or two in the past, but Kathy admits that sometimes that method of travel got just a bit chilly. Both the Kings are Sunday School teachers; Kathy, however, is currently taking what she jokingly calls her "sabbatical leave."

"I thought it was time for me to be taught by someone else for awhile and pick up

[Continued on Page 49]

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**PURINA
CHOWS**



Kathy King

(Continued from Page 48)

some different perspectives," was the reason she has temporarily chosen to become a class member.

Paul also serves as a lay leader at the church and served on the building committee of the new facility.

Milk promotion takes another chunk of the King family's time. Kathy was one of the handful of dairy women in York County who undertook the reorganization of the Dairy Princess program a few years ago. She helps with the local annual pageant, and she and Paul have helped to judge other competitions in the area.

As advisors to the Milk and Money club, they've helped stage several June Dairy Month displays at the York

Mall, hauling cows, calves, and prepared dairy food samples 30 miles to the shopping area.

"People are always going to need milk, so I believe in the future of the dairy industry," Kathy is convinced. And she uses her products, too.

"I always cook and bake with butter. Friends borrow my recipes and then later tell me theirs didn't taste as good as mine. I suggest that they use real butter, not the imitations."

She could offer some suggestions for the school lunch program, too. It really concerns her that son Peter can't purchase a second box of milk over the counter when he picks up his lunch tray.

"He has to make an extra trip to a milk machine that has a sign on it, 'Use At Your Own Risk,'" she protests. "Right next to it is a soda machine, tempting the youngsters to waste their money on nutrition-empty beverages which, incidentally, cost more than the milk."

Although she finds little spare time, Kathy expresses no regrets about her busy schedule.

"I made up my mind that I would enjoy and participate with my children now, and not worry about the empty-nest syndrome when they've grown," Kathy believes. Even though she enjoys sewing and crafts, she feels there will be plenty of time for that later, when "mothering" has become less important to her family.

She does describe herself as a "compulsive reader," and will read just about anything she finds.

"I'll read books, magazines, newspapers, cereal boxes - you name it," she laughs. And like most mothers, she takes special pains to study up on the things her children are interested in, to better help them and share the interest with them.

Even though it requires running to many nights of meetings, the Kings encourage their children's involvement in 4-H cattle showing, sports and lessons.

"Our youngsters don't want to watch television much, so I never have to chase them away from it. They'd rather be outside, and they especially like baseball and wrestling," explains Kathy approvingly.

Like most young farm couples starting out, the Kings have experienced a few rather lean years in their career.

"The second year we farmed, Paul used to say that he could get up in the morning, burn a \$20 bill, do nothing the rest of the day and still have lost less money than we did farming," Kathy recalls.

The 50-cow dairy herd has moved from the original milking parlor setup on the farm into a new stanchion barn built four years ago. Their high quality cows are well-known on the Holstein show circuit, where they've won an impressive array of ribbons and banners in recent years. Production average is 650 pounds of butterfat, with over 16,000 pounds of milk.

Several animals from the Kingway breeding herd have been exported for overseas herd upgrading. A number of those animals went to one

herd in Brazil. The farm guest book has registered visitors to Kingway from at least 11 foreign countries.

Having lost their part-time high school helper to a farming career of his own, Paul and Kathy have no outside help this year. So Kathy, who has always been involved in performing the barn and field jobs, is busier than ever. She bales most of the hay, and frequently runs the forage harvester during silo-filling time. Mornings find her rising early to help get the milking started before it's time to make breakfast and get the children off to school.

One of the Kings' prime concerns about the future of agriculture is the rapidly decreasing farmland in the area.

"Nothing makes me sadder than to see abandoned farms as I drive along and know that they're going into development. Once valuable farmland has been built over, it'll never be put back into agriculture again," she notes.

Busy, involved, and devoted to their way of life, Kathy King is extremely modest about the contribution to youth and farming that they are making.

"We had a lot of breaks," she quickly insists when complimented on the success of the Kingway operation.

Pennsylvania dairy farmers got a break, too, when this Maryland native crossed the Mason-Dixon line, bringing with her total love of farming and a wealth of ambition to help others.

XXXX

Summer brings lots of farm organization covered dish socials. Kathy usually brings this dairy salad-dessert contribution:

JELLO SALAD

1 (3 oz.) box lemon jello
1 (3 oz.) box lime jello
2 cups boiling water
16 marshmallows, dissolved in above

Set aside to just beginning to cool.

Add to jello mix:

8 ounces softened cream cheese
1 can regular crushed pineapple

Fold in one package prepared dream whip. Chill.

Lancaster Farming, Saturday, June 4, 1977—49

Pennfield plans new nutrition program

LANCASTER — Pennfield Corporation is preparing to release a new dairy nutrition program, based on the results of recent scientific nutrition research.

Analysis of the research results was undertaken to insure that Pennfield's feed programs allow for maximum growth and production at the lowest possible cost. Dr. Richard Peacock, nutritionist, has directed the work.

The results of Pennfield's study will produce an updating of the current dairy feeding program. Bringing the results of new research into play, the program will include the latest studies on protein solubility and protein utilization.

"The amount and type of protein released has interested us during review of this research," Peacock commented, pointing out that Pennfield is adapting results of university research work to practical application.

Needs vary in a dairy feeding program, Peacock added, emphasizing that nutritional requirements vary according to the cow's stage of lactation.

"A good definition of the needs had to come first," Peacock said. "We are then attempting to bridge the gap between discovery and implementation."

Research has shown that a proper combination of roughage, proteins and carbohydrates, as well as the

proper protein solubility, is necessary for good nutrition.

"There is a balance that needs to be maintained between protein solubilities," Peacock said. To illustrate, he pointed out that non-protein nitrogen, which is highly soluble, must be combined in a feeding program with low-soluble proteins. New mineral balances also enhance non-protein nitrogen utilization.

Peacock emphasized that Pennfield's studies will incorporate newer concepts with many of the older, but proven, concepts of dairy feeding.

To aid farmers in establishing feeding programs, Pennfield offers CTR (Computerized Total Ration) service. Through the service, forages are first analyzed at the Pennfield lab and then, depending on the nutritional needs of the herd, a complete feeding program is designed to complement the forage.

The use of the CTR program, in-house at Pennfield, has become widespread over the past three years.

According to Joel Habegger, manager, Feed Marketing, "The research has been completed and reports are being written. Products are being developed to complement research results."

The Pennfield timetable calls for release of further information by the Fall.

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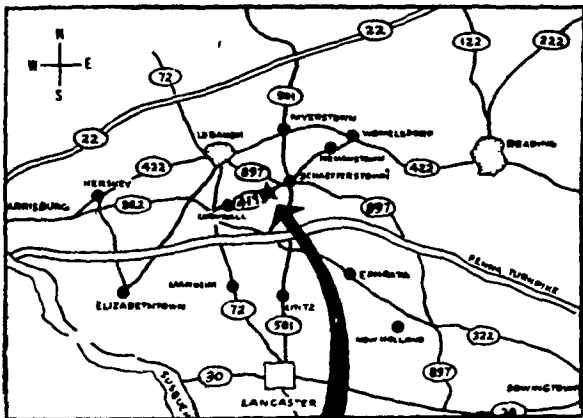
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 PDM + 33 PDF + 39 34% R 1/77 83
 PDT + .81 33% R 2/77 T-Q
 % FAT + .27**

Sire: Dee Ann Silver Tim 1435690

Dam: Valley Run Smokey Rocket 6980398

2-2	305 day	13732	4.5%	622	}
3-4	305 day	15815	4.4%	702	
4-6	305 day	15694	4.8%	746	
5-9	305 day	20723	4.8%	1005	
6-10	305 day	20403	4.8%	970	
8-10	305 day	22044	4.7%	1046	

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Strong	Weak
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FU 1	
TT 1	
HL 2	
FT	4.
RR	
BK	
FE 2	
HD	
ST	
MC	1,3

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20 daus. average 17344 M **4.13%** 717 F
 Cont. average 17086 M **3.48%** 595 F
 0% Incomplete 50% R.I.P. Records

16 daus. av. 80.5 SC82.4 AASC 56% ABA*
 12 daus. av. 81.0 83.0 58%
 Dams av. 80.1- 79.7 25%

*Oldest dau. 3-11 mo. of 16 daus. when classified

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Dot-to-dot 'Daisy the Cow'



Answers

on page 143

Connect the dots and see what you come up with.

SCRAMBLES

Directions: Unscramble the following phrases by rearranging each group of jumbled letters. Beside each scrambled phrase, a clue is given to help you with your answer.

- | | |
|------------------------|--|
| 1. EHTY LAL EIVG KIML | 1. What lions, camels, cows, and anteaters have in common. |
| 2. KMLI SI A RLUANTA | 2. Slogan you hear on television. |
| 3. EUJN SI RIYAD HMTON | 3. Something every dairyman knows. |

Clue

SECRET MESSAGE

We've put the following message in code.

Directions: Use the following clues to help you. The first letter of the message is filled in for you.

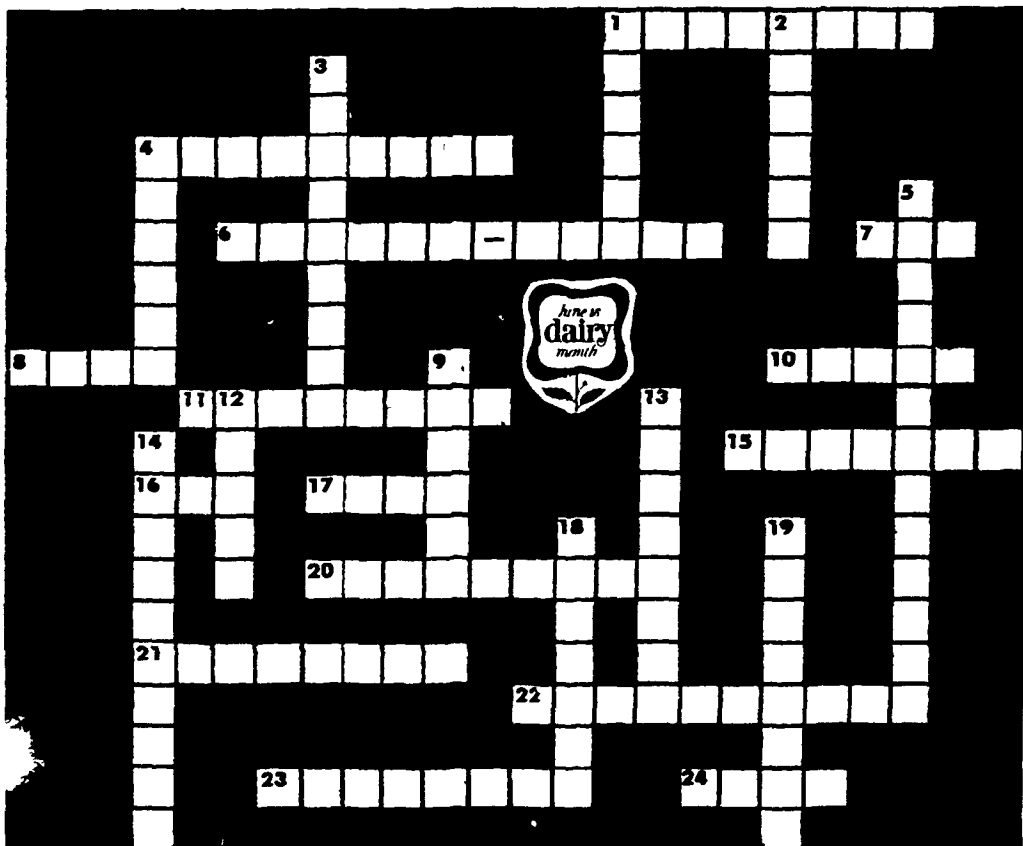
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

13 9 12 11 9 19 21 4 4 5 18 12 25 4 5 12 9 3 9 15 21 19

M _ _ _ _ _

Children's Section

Cow lovers' crossword puzzle



ACROSS

1. Type of milk apparatus.
4. Place where first cow arrived in USA in 1611.
6. 1976 retail value of dairy products in billions; a number.
7. Animal that gives milk.
8. The thin, watery part of milk which separates from the thicker part.
10. The oily, yellowish part of milk, which rises to the top.
11. A breed of dairy cattle originally from a British island in the English Channel; usually fawn-colored with white markings.
15. The last name of the man who developed pasteurization.
16. Holstein becoming very popular. High priced; also a color.
17. A young cow.
20. Most prolific dairy stud bull in the country who has sired over 100,000 offspring; also a person trained to make rocket flights into outer space.
21. Dairy product allowed to ferment.
22. Glass package for milk invented in 1884.
23. A food consisting of cream, butterfat, or milk, and sometimes sweetened or flavored (two words).
24. A word meaning to remove the cream from milk.

DOWN

1. Place where cows are milked; an old-fashioned living room or sitting room.
2. The opposite of solid.
3. Person who checks a dairy operation.
4. Small reddish-brown dairy cow whose milk has a high butterfat content.
5. A soft, white cheese made by straining and seasoning the curds of sour milk (two words).
9. A young cow who has not yet had offspring.
12. A mammary gland on a cow which gives the milk.
13. Large refrigerated container that stores the milk.
14. Hardy breed of dairy cattle first raised in Switzerland (two words). First word is also a color.
18. Mineral found in milk that helps build strong bones.
19. A breed of large black and white cattle raised for beef and milk.



Dairy princess title isn't what it used to be

By SALLY BAIR

Feature Writer
MANHEIM, Pa. - Fifteen years ago, Joyce Kreider was crowned Miss Milkmaid of Area 14, which included Lancaster County and its dairy industry.

As Miss Milkmaid she participated in the Pennsylvania Dairy Princess contest and was named second runner-up out of the dozen girls competing.

Miss Milkmaids have since gone the way of the Edsel, but the dairy princess contest is alive and well and now boasts as many as 42 contestants in the state competition.

Joyce, who is now Mrs. Marlin Shenk and lives at Manheim R4, admits, "It's much more of a contest. Then it was nothing like it is now. It was mostly a title. We didn't do much promotion."

Now, she said, I think it's great what the dairy princesses do. Their presentations are terrific."

Joyce recalls that there were only 3 or 4 contestants with her in 1962 in Lancaster, but she said they were asked questions and judged during a regularly scheduled dairy meeting. They wore street dresses.

In recalling the state contest, she said, "It was held in Reading and was so

much fun. It was a two-day contest, and there was a parade through downtown Reading." The girls were provided with Coast Guard escorts to ride with them in their convertible cars in the parade.

She said, "It seemed very important at the time, and it was really a nice, delightful experience. I wish we could have done more."

Joyce must have felt quite relaxed because as part of the state contest the contestants were brought to Lancaster for an appearance on WGAL-TV's "Noonday on Eight", and then went to the Clarence Keener farm to be photographed - with cows, of course.

Joyce was a natural to win the contest, having been brought up on the dairy farm of her parents, Mr. and Mrs. J. Everett Kreider,

Quarryville, R2. Although she milked Holstein cows, Joyce chose to have Ayrshires and Brown Swiss for her 4-H animals and accumulated about four animals during her 10 years as a member. She belonged to the Ayrshire-Jersey-Brown Swiss Club, the Drumore 4-H Sewing Club, the 4-H County Council, and she participated on the 4-H dairy judging team.

At the time of the contest she was a secretary in the county Extension office, having graduated from Solanco High School in 1961. She said she supposes it was through her Extension office contacts that she decided to enter the contest. She acknowledged having very little preparation for the state contest, with just a packet of material to study. She expressed appreciation to the home economist who worked with her on answering dairy related questions. She said, "I

pumped my Dad so I would be familiar with our records. I took notes about our dairy operation."

She probably didn't need many notes, since she recalls that as the oldest child she began helping with milking chores at the age of five. "We had to go every evening, and as her brother and sisters got older they alternated, and also alternated mornings. She said she often worked out in the field, in fact preferred field work to the confining milking job. Candidly, she said, "We'd argue over who would cultivate the corn so we could get a suntan."

Since being a dairy princess, Joyce has not been idle. After working at the Extension service for a year, she went to Europe and assisted in work camps. She got involved through the Church of the Brethren, but she said the camps were ecumenical in nature.

[Continued on Page 54]



The best part of any new drink is in the tasting. Here Lonnie (left) and Chad make the most important test with the new "Magic Cow" drinks.



Joyce Kreider Shenk has changed a bit in the past 15 years, but she still promotes milk.



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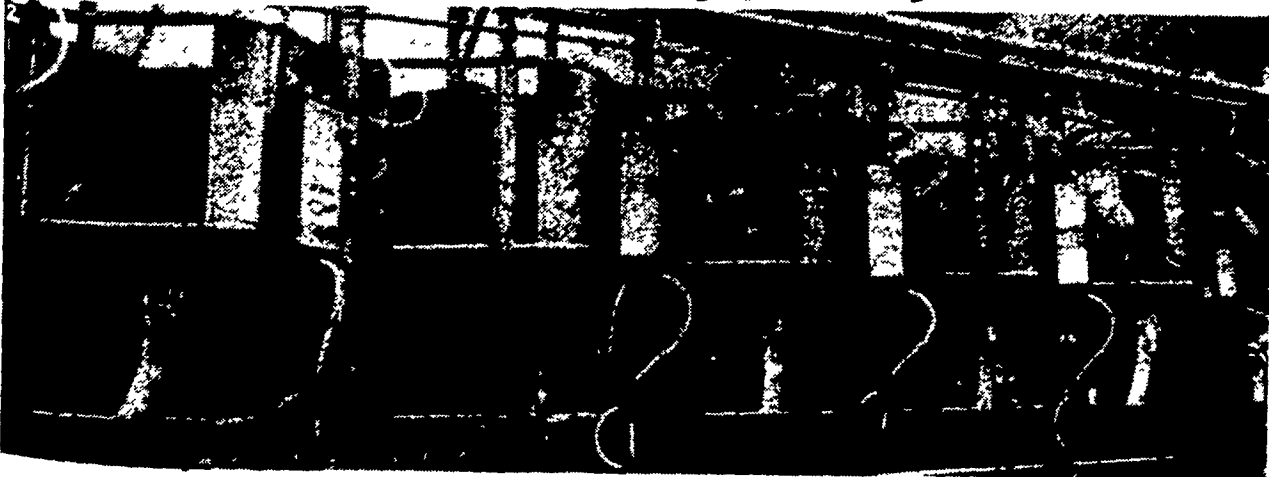




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Dairy princess

[Continued from Page 53]

She said she chose to go, because, "I wanted to travel and go somewhere and do something different. I knew people who had gone before." She spent one month working in Berlin, Germany, where the group dug ditches for a sewer in a rest home. She spent another month in Switzerland where they cleared out a forest. She laughed about the hard work, saying, "We had to pay to do it - we payed room and board." Accommodations, she admitted, were very nice. Despite the hard work, she said, "It was a terrific experience."

After working, she traveled in Holland, Germany, Austria, and Switzerland. She had crossed the Atlantic on a student ship, but traveled alone most of the time. "I thoroughly enjoyed being alone, even though I did not speak the language," she asserts.

When she returned, she worked for a company which made hammermills and feed grinders, and clerked for her father who was also an auctioneer. She continued clerking until just Spring.

In 1966 Joyce married Marlin Shenk and the couple now has three children: Chadwick, 8, Lavonne, 5 and Ryan, who is nearly two. They are expecting another child in August.

Her husband helps operate E.E. Shenk and Sons, which owns hammermills and does custom work. They also own three tractor trailer trucks, to haul corn, corn cobs, or molasses. "He loves it," Joyce says.

The couple resides on Valley Road outside of Manheim on a seven-acre farm. They raise beef and chickens, corn and hay. "I don't feel I have been removed from the farm," Joyce says. But she adds, "I was very sorry to see my mother and Daddy move off the farm."

She says emphatically that she enjoys living in the country, and feels her children are fortunate because they are learning responsibilities.

Being the mother of three

young children obviously keeps this dairy princess busy, but she said, "We have a garden, and I do all the canning and freezing I can. I also thoroughly enjoy sewing and do a lot of it." Although she was in 4-H, she said, "My mother always sewed for us, and I picked it up from her."

The Shenk family belongs to the Chickies Creek Church of the Brethren where Joyce sings on the choir and Marlin and Joyce share the duties of Bible School Director. Joyce also plays on the church softball league, although she has momentarily curtailed that activity.

About the contest, Joyce remarked, "I feel it's a great boost for the dairy industry. The girls have to work a lot harder, but it is worth it."

With her background as Miss Milkmaid, Joyce continues to do her part. She said, "We use a lot of milk in our family."



CHICAGO - Agriculture is the nation's largest employer. According to the U.S. Department of Agriculture, between 14 and 17 million people work in some phase of agriculture - from growing food and fiber to selling it at the supermarket.

Fruit-flavored yogurt stirs up sales

ROSEMONT, Ill. - Yogurt may be a 5,000 year-old dairy product, but it's still new to American consumers. Why has it taken yogurt so long to catch on?

Its first customers in the United States were ethnic groups who grew up with yogurt in their native land. Yogurt was a familiar food in many countries such as Russia, Bulgaria, Turkey, Greece, Armenia and India.

Later, yogurt's reputation as a health food made it popular. Nutritionally, yogurt has all the protein and other benefits of the milk from which it is made.

Many physical health cultists claimed the product could prolong life, correct overweight, restore hair and sexual prowess.

Dieters selected yogurt to help them lose weight or gain health. Actually, an eight-ounce container has 130 to 140 calories in the plain variety and up to 250 calories flavored. For many, one cup of yogurt will make an entire meal.

The dieters were followed by the "wheat-germ and sandal set" who thought the product would slow down old age.

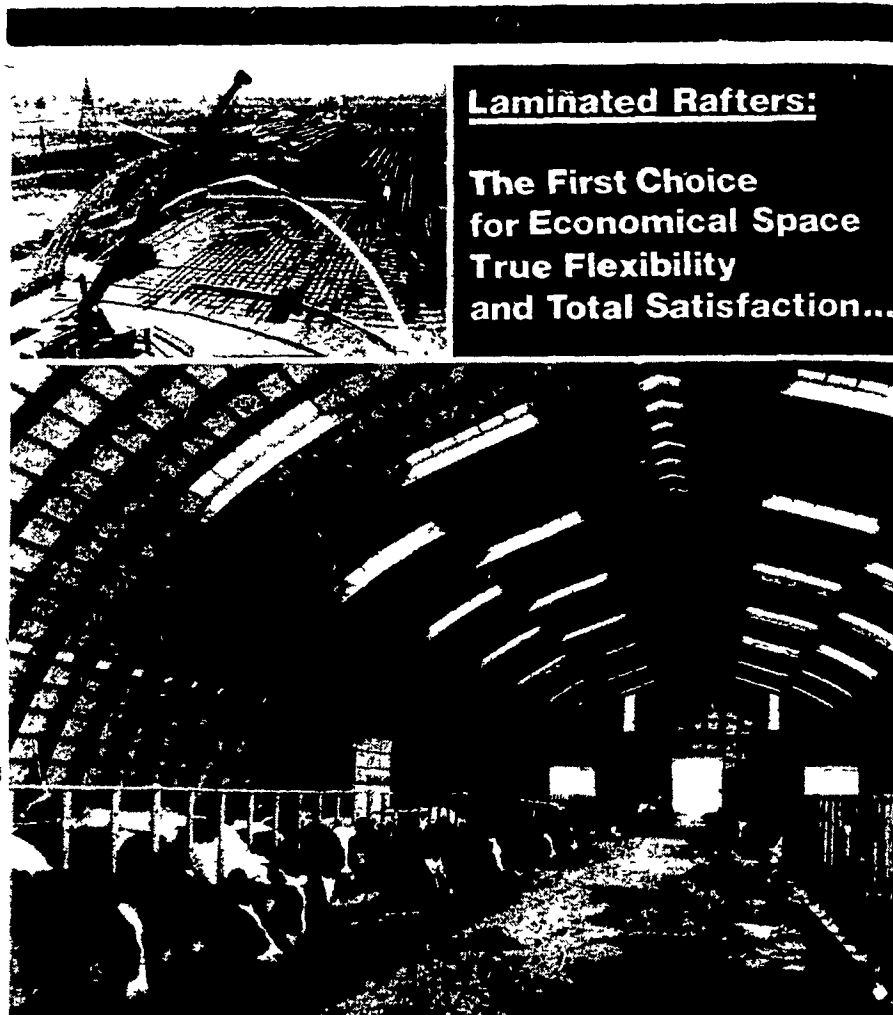
Despite interest by these various groups, yogurt wasn't a consumer's favorite until the mid-sixties when manufacturers decided to sweeten the product to counteract its acidity. Yogurt developed a new image and sales began to soar.

"Fruit-at-the-bottom" was created in 1965 and yogurt

sales really jumped. Today flavored yogurt accounts for 90 per cent of the market with strawberry, cherry and raspberry heading the list of favorites. Currently, more than 25 different flavors are marketed.

Half of the yogurt eaters in the United States live on the east coast; 20 per cent on the west coast; with the balance throughout the country.

For whatever the reason, one thing is certain: yogurt has arrived.



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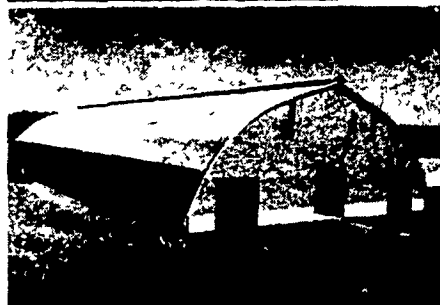
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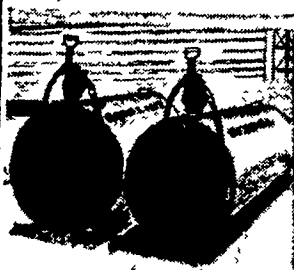
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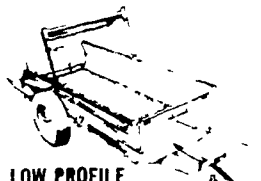
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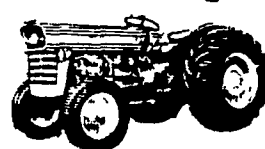
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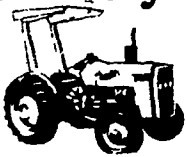
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(1) 1755 Oliver Tractor,
1000 hrs., Ex. cond.
(2) N.H. 269 Balers
(1) J.D. 24T Baler w-
thrower
J.D. 35 Harvester,
1 Row Head
N.H. 717 Harvester

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Mowers, Crimpers,
Rakes, Fluffers, Ted-
ders, Elevators,
Choppers, Rotary
Mowers, Crimpers,
Rakes, Fluffers, Ted-
ders, Elevators,
Choppers, Rotary
Mowers, Flail Mowers,
Motor driven Mott
Mowers, Harvesters,
Fox Harvester with
Pick up and Corn Head,
Rotary Hoes, Tran-
splanters, Weeders,
Chisel Plows, 1-2-4 Row
Cultivators, Lilliston
Rolling Cultivator,
Cultipackers, Grain
Drills, Massey 8 Ft. pull
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Tractors with Mowers,
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Equipment, Grinder
Mixers, Fork Lifts,
Trenchers, Road
Graders, Wood Chipper,
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Hundreds of Tractors to
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PLOW

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J.D. 3020, 1970 Model
J.D. 2520 Gas
J.D. 2510 Diesel
J.D. 2020 Gas HU Model
J.D. 1020 Gas w-loader
J.D. 830 Utility 200 Hrs.
Oliver 1655 Diesel
Case 1030 Comfort King
Versatile 118 4-wheel
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J.D. 45 Square Back
J.D. 42 Square Back,
Pull Type
J.D. 25 Pull Type
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M.F. 300 w-quick tach
heads

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3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel manure spreader
Forage Wagons
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Farmall 706 Diesel
Farmall 560 Diesel
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M.F. 30
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M.F., McCormick and J.D. 4-R Planters
M.F. 82 Combine w-cab
J.D. 45 Square Back Combine
J.D. 40 Square Back Combine
IHC 82 Pull Type Combine
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Shellers for 2-R Pickers

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CB 700 with hydraulic sharpener
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4-6-8-10 ton wagons

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1 Only
MC 770 7'3" cut
MOWER
CONDITIONER
\$2,950.00

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HOMELITE
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BUSH HOG 1315 RW15" Bat Wing
Rotary Mower
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BRILLION BRC 630 6 Row
Cultivator
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J D 1850 39" Field Conditioner
List \$2747.33 ... **SALE \$2950**

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tractors
J D 4430 Power Shift
MF 11000
(2) J D 830 D UH, 3 cyl
- 1 Sold.
J D 820 UH, 3 cyl, D
AC "C" w/Plow & Cultivator
Corn Head
(2) J D 444, 4 row, wide
Plows
J D 5-16" semi-mounted
Oliver 6-16 semi-mounted
Chisel Plow
(1) J D 1600 12"
Corn Planters
(3) J D 1300 6 row
J D 494A w/fert
Disc Harrows
J D 270 21 4
J D 210 14 1/2"
J D KBA 10
Spring Tooth Harrows
J D 12" pull type
Roller Harrows
Brillion 13 8
Row Crop Cultivators
J D RMA, 4 row
J D RMA
J D RG 6 row
J D RG40
J D RG4 Sold
(2) Luriston 4 row rolling
cultivator
Grain Drills
J D FBH 17x7 w/Fert & GSA
J D FBA 17x7 w/GSA Sold
J D FBA 17x7
Loaders
J D 46A
Rotary Mower
J D 307 3 pt

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Farmall gas tractor, new
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Farmall Super M
Farmall M
Farmall H
JD 430 W
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IH 450 Farmall
Farmall Super H
Farmall B275 D w/loader
MF Pony with Rotary
Mower
AC Model C Tractor
w/plow & cult
MM 602 U
MF 40D Loader & Forklift
MF 65 Gas w Freeman
Loader
Case Model 1816 Skid
Loader
HAY EQUIPMENT:
Sickle Bar mower for JD A
or B
47 Int. Baler with thrower
IH 4 Bar Rake on Steel
IH 45 Baler
IH 1000 Fast hitch mower
JD Mower to fit H or M
NH Mower for H or M, Pull
Type

TILLAGE:
AC 9 ft. Disc Harrow
(2) 5 Bottom Oliver hyd.
reset
JD 345 5 bottom plow
with hyd. reset
IH 560 6-Bot. plow
9' IH offset Disc Harrow
12' Mounted Harrow
IH 12' pull type Harrow
9' Glenco trailing Chisel
IH No. 55 13' Trailing
Chisel
9' Trailing Chisel plow
Oliver 2 Bot. Trailing plow
IH 3 Bot. Trailing plow
IH 70 4 Bot Trailing Plow
MISCELLANEOUS:
JD 15 x 7 Grain Drill
16 x 7 Single Disc Ontario
Drill
Gehl Model 190 Feeder
Wagon
NH 375 Batch Dryer, 3
phase
JD 3 pt. Hitch Spinner
Spreader
10' Ezee Flow Lime
Spreader
JD 707 10' Rotary Mower
11' Chattanooga Single
Packer
10' Chattanooga Packer
Sauder Loader & Scraper
For Ford
11' Brillion Packer with
Transport
Lanco Forage Wagon
PLANTERS:
JD 6 Row Plate planter w.
liq. fert.
IH 4 Row Cyclo planter
JD 2 Row 3 pt. plateless
Planter, No Till Attach.
IH 449 4 Row Planter

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A.C. Long Trough
Blower w-pipe &
PTO
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Used Farmall Super C
Tractor
Used Farmall M
Tractor
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New Blades, like
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picker
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10
Used J.D. 3-16" Mtd.
Plow
Used J.D. 3-14" Mtd.
Plow
Used 5' Brillion Rotary
Mower
Used Brillion 6' 3 pt.
Rotary Mower
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w-200 Gal. tank
Used Hanson Sprayer
w-300 Gal. tank
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Soil Saver New
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Model 17, real nice
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(used only 8 mos.)
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14' beds, 30" sides
Hesston 5400
Round Baler
\$2,995.00
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New Brillion & Glencoe
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Choppers

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New Bush Hog 10' and
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New Century Sprayers
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Rental of Case Tractors -
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495 Haybine
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Athens Chisel plow
Bush Hog chisel plow
Bush Hog tandem disc
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harrow

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scoping PTO, deluxe
trailer and agitator

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plow, infurrow hitch
Glencoe 9 Shank 3 bar
chisel plow

MISCELLANEOUS

Westgo stone picker
JD 2-row 3 pt. hitch corn
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Lely 6 wheel rake.
Oliver 253 Tandem Disk
harrow 13'11" cut
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Pittsburgh 1220 Tandem
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NH 8 Steel Crop Carrier
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NH 850 Round Baler
NH 1034 Bale Wagon

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(1) NH 269 w/PTO thrower
NH 271 w/PTO thrower
HAYBINES & MOWERS
NH 460 Haybine
NH 469 Haybine
MANURE SPREADERS
NH 675T triple beater
NH 676 single beater
JD 44 single beater
FORAGE HARVESTERS
JD 6
JD 12
NH 717
NH Super 717
NH 1880 Self-propelled
Fox 3000, 1000 RPM
Hydro, spout, flotation
tires, hay pickup & 2-R
wide corn head

TRACTORS

John Deere H
John Deere B
Oliver 77 Gas
Case 800
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Corn Heads Narrow,
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N.I. 702 Uni Diesel, 729A
Sheller, 3 row 30"
Corn head, Ex.
Cond. 1200 hrs.
702 Uni w-760 Chopper,
Grain combine, new
13' platform, 2 R
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J.D. Model 40 Self-
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rotary mower.
260 Massey Ferguson
Chopper w-windrow
and 2-row corn head
- like new, Elec.
Controls.
N.H. 1880 new - Cat.
engine, Hydro, 3-30"
corn head, WPU
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corn hd., hay hd. &
Snapper hd.

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cleaning of all PTO
Harvesters w-corn
Heads & Pickups,
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(3)(4) Fox Forage
Harvesters pull
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(1)(2) 1972 MAX 1, SP,
Dal., 3-30" Dr. hd.,
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Cab, 3-30 WPU, Ex.
Cond.
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dual wheels, good
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Super 92 14' cut w-robot,
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Oliver 77 Gas
Oliver 88 Gas
Oliver 770 Gas

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White 251 Disc Harrow 9 3
White 252 Disc Harrow 10 4
White 252 Disc Harrow 12 8
White 253 Disc Harrow 13 7
White 283 Sp. Harrow 12 6
White 543 Corn Planter 4R
White 348 SAR 3B Plow 18
White 508 CT 4B Plow 18
White 548 SAR 6B Plow 16
White 285 Field Cult 12 6
White 285 Field Cult. 6 10

Bush Hog 5'3 pt. Chisel Plow
Bush Hog 7'3 pt. Chisel Plow
Bush Hog 8'3 pt. Chisel Plow
Bush Hog 1432 Disc 9'
Bush Hog 1432 Disc 10 3
Bush Hog 1436 Disc 11 6
Bush Hog 1438-Disc 13 10"
w/mid west harrow

Brillion 7' 3 pt. Chisel Plow
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Brillion 12 6" Field Cultivator
Brillion 8" Cultipacker
Brillion 12" Cultipacker
Brillion 10 4" Pulvi-mulcher
Brillion 5" Shank Sub Soiler

Vicon 3 pt. Fert. Spreaders
Little Giant 34" Elevator
Ranson 200 gal. Sprayer

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7 1/2" spacing
Oliver 252 Disc, 21 6" Wing
w/9" Spacing
Oliver 3242 3B-14" 3 pt. Plow
Oliver 575 4B-16" Hyd. reset
Semi-mtd plow
Oliver 565 4B-16" Cush. Trip
Semi-mtd Plow
Sauders D2 Manure Loader
Niagara 15 KW Generator PTO
Gehl TR600 2R Corn Head
Gehl HA900 Hay Pickup
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Fox 425 Harvester w/1-R or
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w/new 16 ft. grain body &
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Farmall 340
Farmall MD Diesel
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Oliver 1950-T Diesel
Oliver 1550
Oliver 770
Oliver 88
Oliver Super 77 Diesel
M.F. 265 Diesel w-22
hrs.
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hrs.
M.F. 50
Ford 4000
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Ford 6000 Diesel

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IH 56 6-row Planter
IH 56 4-row Planter
A.C. 2-row snap
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J.D. 464-A 4-row Planter

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Case D-B 990
Case 400B
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24" bucket, good
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12' Pitt. Disc
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M.F. 160

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4 seat Hershey Transplanter in excellent condition,
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John Deere hay baler. Body & frame in excellent
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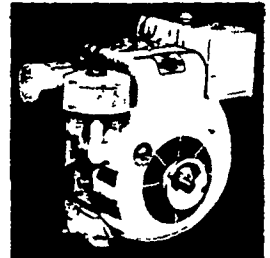
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Cab & Air
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8800 combine-Self-propelled
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5400 Corn Planter-6 row Air
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543 Corn Planter-4 Row plate
549 SAR Plow-Semi-mtd. 6B
18"

263 Disc-12'2"

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1495 SP Haybine-12'
479 haybine-9'
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315 Baler
256 Rake-Rubber Tire
890 Harvester
770 Harvester
707 Harvester
25 Blower
27 Blower
352 Grinder-mixer-80 Bu.
354 Grinder-mixer-100 Bu.
328 Spreader w/top beater
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790 Spreader w/top beater
36 Flail Chopper
38 Flail Chopper
718 Harvester
S717 Harvester

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McConnell transport folding
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Bu.
Belt "Harvest Handler"
elevator 16'

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34 John Deere Harvester
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345 NH spreader - tank
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24, 25, 340; Case 600, 800, 850; AC HD 5, 6, 7, 9, 10, 11, 14,
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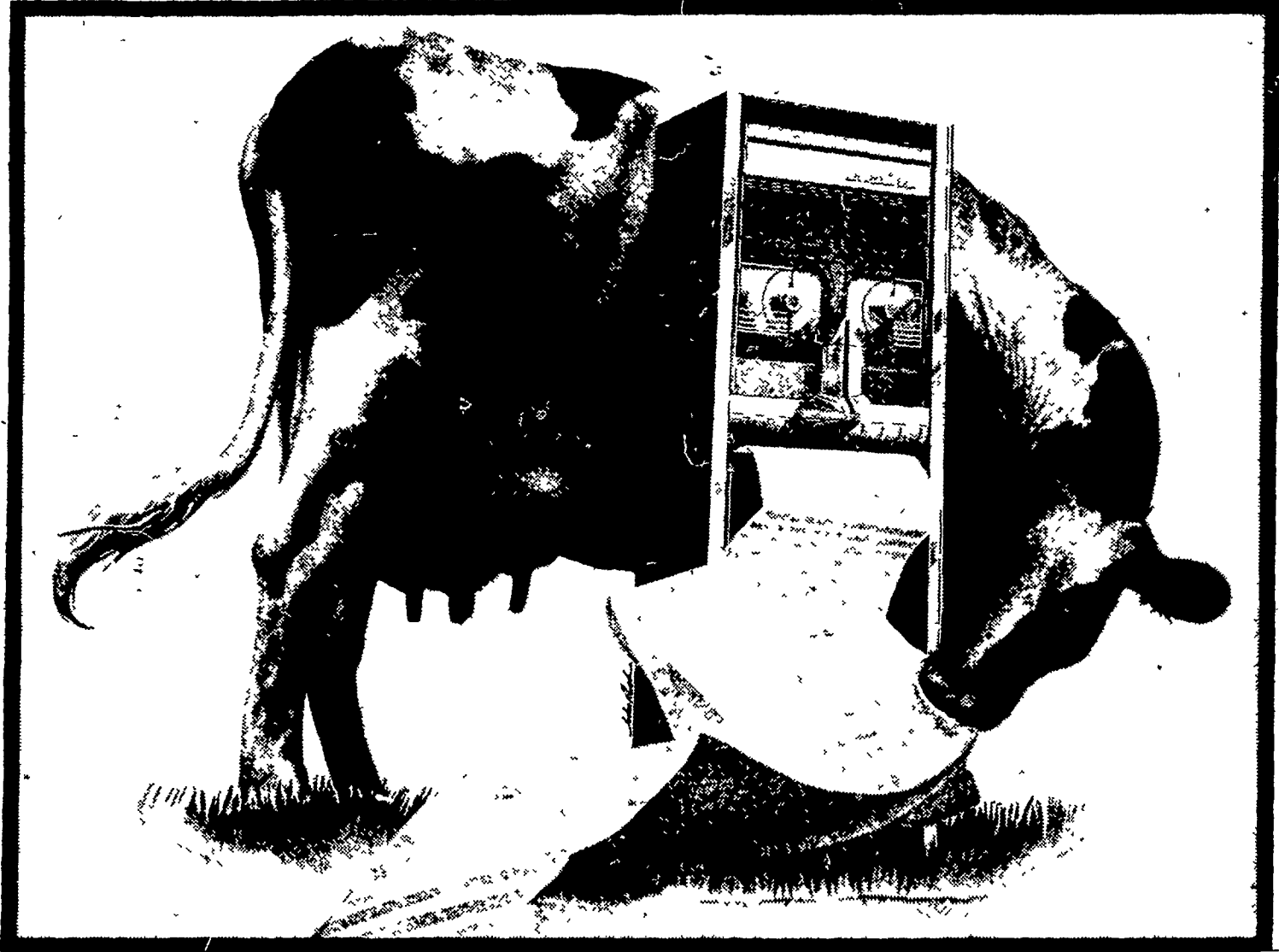
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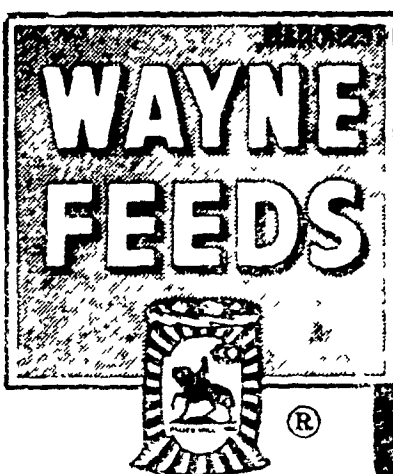




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M.F. 263 Tiller 3 HP
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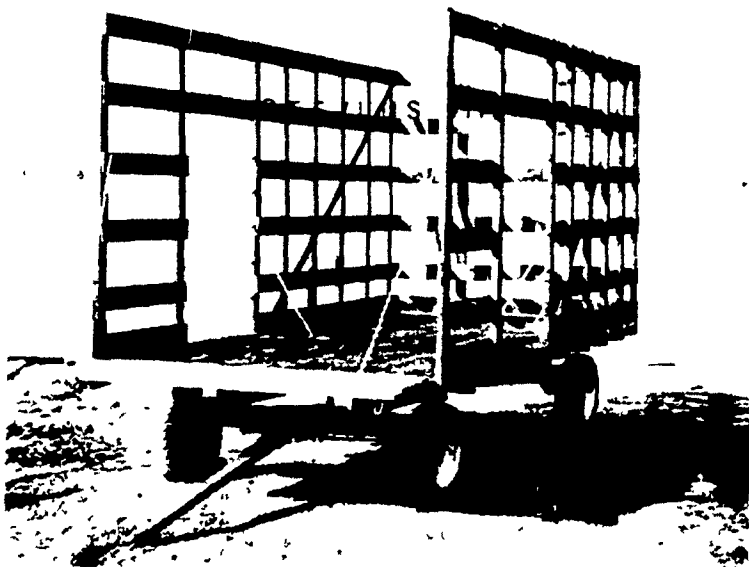
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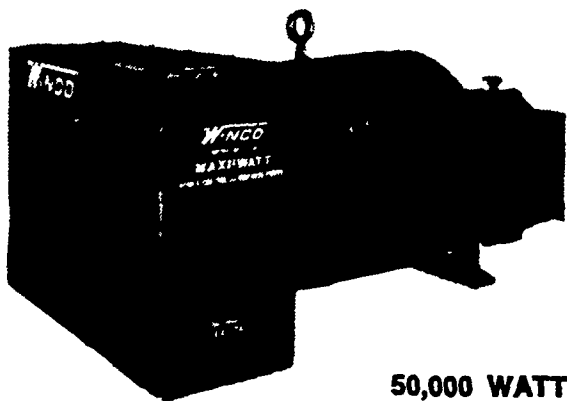
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John Deere 2510

Farmall Super MTA w-PS & Live PTO

John Deere 1209 Mower Conditioner

J.D. 4400 Combine

J.D. 38 & 35 Forage Harvester

Case 675 SP Windrower

Souders Loader

N.H. 479 Haybine

24 ft. flat goose-neck trailer w-racks

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J.D. 1209 mower condition

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J.D. 750 Grinder-Mixer

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N.H. 477

N.H. 495 & 1495 SP Haybines

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N.H. 845 & 850 Balers

N.H. 354 & 357 Grinder Mixers

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New Holland

Interest Free

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Farmall 240, g.c. quick Hitch

Case 570 D good condition

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Orange Bottom, Like new

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4-40 Cn. Hd. big cap At

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w/corn hd.

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Cond w/fert

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N.H. 1880 SP Chopper Pick of

Head, Cat Dsl.

(5) Used Garden Tractors, all

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1976 Field Queen, std. 250

hrs. 3-30 corn head, WPU

12' hyd. Drive-Also Direct

cut head, never used All

like new. Will sell separate

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J.D. 115 Chuck Wagon
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J.D. 1640 Disk 12'6"
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J.D. 4-row Cultivator,
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Kools PTO silage blower \$300
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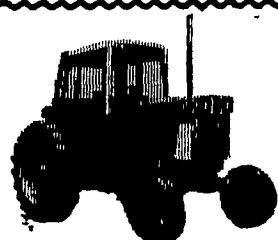
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574 Diesel
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3242 Plow
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All Disc Harrows Unassembled
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Various Backhoe Buckets

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I need Purebred and cute mixed litter lots, 7 to 10 week old. Clean and healthy. Contact "Jo Jo The Dogman" at Root's Farmers Market, RD1 Manheim, PA Every Tuesday 6 p.m. to 9 p.m. No Phone Calls.

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Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA 19140 or call before 8 p.m. Mon., Tues., & Thurs. only. 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

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Help Wanted - Man to work on farm, must be able to run milking machine, house and privileges. Call after 7 PM. 215-932-2764

Farm - Estate Manager. House and Utilities furnished. Knowledge farming, livestock, machinery required. References. Reply to: Sam Freeman, Box 95, Far Hills, NJ 07931.

Automobiles

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Farmer to help on dairy farm, Plughtown, Northern Chester Co. Good conditions & fringe benefits. Call or write S. W. Morris, Box 360, R. D. 2, Pottstown, Pa. 19464. Office (8:30-4:30) 215-469-6287. Home 215-469-6268.

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Automobiles

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Automobiles

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Help Wanted

Help Wanted

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2 door coupe. Caramel tan metallic with gold cloth & vinyl bench seat 318 V-8 engine automatic power steering power disc brakes light package including trunk light ash tray light, glove compartment light, fender mounted turn signals and 2 map lights. Deluxe insulation package to give you a quieter and more luxurious ride, tinted glass air conditioning electronic digital clock, vinyl body side molding complimented by a saddle tan landau vinyl roof. AM FM radio. FR78x15 white sidewall radial tires. You have to see the new Chrysler Diplomat and drive it to appreciate it.

Stock No 4028
1977 DODGE 569518
CHARGER DAYTON
BRAND NEW Special Edition 2 door hardtop. Cadet blue metallic set off with starlite blue metallic, blue vinyl bucket seats with center cushion and folding down arm rest. Automatic transmission power steering power disc brakes standard V-8 engine tinted glass all windows tape stripes, AM FM radio, wire wheel covers, complemented by GR78 x 15 white sidewall steel belted radial tires. Only one of this kind in . . .

Stock No 5081
1977 DODGE ROYAL MONACO 504536
WAGON
BRAND NEW 3 door station wagon Forest green sunfire metallic complemented with simulated wood grain, green vinyl split back bench seats. Automatic power steering power disc brakes electronic ignition standard V-8 engine AM radio deluxe wheel covers. LR78x15 white sidewall steel belted radial tires.

Stock No 1185
1977 DODGE 3690
ASPIN
BRAND NEW 4 door sedan Regatta blue metallic with blue vinyl bench seats slant 6 cylinder (225 cubic inch) front disc brakes electronic ignition D78 x 14 white sidewall tires.

Stock No 1209
1977 DODGE 3987
ASPIN
BRAND NEW 4 door sedan Forest green sunfire metallic with green vinyl bench seats Automatic transmission slant 6 cylinder 225 cubic inch engine power steering disc brakes vinyl body side molding AM radio.

Stock No 0372
1977 DODGE 518952
POWER WAGON
BRAND NEW W 150 Sweetline pickup 8' box Canadian brown with parchment vinyl interior (full foam seat), 318 V-8 engine, automatic transmission power steering, power disc brakes, electronic ignition, L78x15 mud and snow tires, 6100 lb GVW package (burns any type of gas).

Stock No 0336
1977 DODGE 4458
B-200 VAN
BRAND NEW TRADESMAN 109' wheelbase Van Bright red with black vinyl bucket seats windows in rear only 318 V-8 engine power disc brakes, heavy duty rear springs spare wheel, 6100 lb GVW package.

Stock No 0424
1977 DODGE 3839
D-100
BRAND NEW 6 1/2' box utility pickup Slant 6 cylinder 225 cubic inch engine, power disc brakes, electronic ignition custom special package which includes chrome front & rear bumpers, deluxe wheel covers, deluxe vinyl seat cover & much, much more. Medium blue metallic with blue vinyl interior.

Stock No 0101
1977 DODGE 4354
D-200
BRAND NEW 3/4 TON Sweetline pickup with 8' box medium green sunfire metallic with green vinyl interior, 318 V-8 engine 4 speed manual transmission power disc brakes 11' clutch electronic ignition, 6200 lb GVW 700x16C six ply truck type tires.

Stock No 1038
1977 DODGE 4849
ASPIN
BRAND NEW SPECIAL EDITION station wagon Eggshell white with 60 40 split vinyl bench seat blue in color. Automatic transmission power steering power disc brakes 318 V-8 engine electronic ignition AM radio deluxe wheel covers simulated wood grain on outside full carpeted cargo compartment with 2 locking storage bins in rear F78x14 white sidewall tires.

Stock No 1131
1977 DODGE 3659
ASPIN
BRAND NEW 2 door sport coupe Regatta blue metallic with cloth and vinyl blue interior 4 speed manual transmission (includes overdrive cruising gear for economy) slant 6 cylinder 225 cubic inch engine power disc brakes electronic ignition D78x14 white sidewall tires.

Stock No 0371
1977 DODGE 869934
B-300
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Stock No 7002
1977 DODGE 4499
COLT WAGON
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Stock No 4031
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CHARGER
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Stock No 0406
1977 DODGE 4196
B-100 VAN
BRAND NEW TRADESMAN 109' wheelbase Van Bright red with black vinyl bucket seats windows in rear only slant 6 cylinder 225 cubic inch engine disc brakes 4600 lb GVW package electronic ignition.

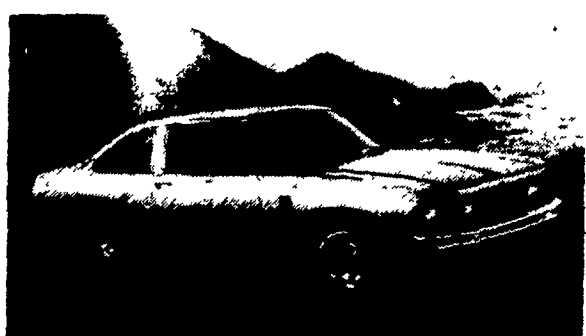
Stock No 0313
1977 DODGE 598793
W-150 WARLOCK
BRAND NEW That's right, they're back and we finally have some in stock 115 wheelbase 6 1/2 foot Uniline pickup box four wheel drive, 318 V-8 engine (210 h.p.), 4 speed manual transmission tinted glass all windows Bright red with black vinyl bucket seats and console, bright bumpers front & rear chrome stepsides, gold pinstriping on hood, along side and wheel wells plus tailgate. Power steering & brakes 6100 lb GVW package Gold spoked 8 inch wheels with 10 x 15LT four ply mud & snow tires with your special Warlock package. This vehicle also available with automatic transmission.

Stock No 1121
1977 DODGE 4003
ASPIN
BRAND NEW station wagon. You can't beat this price anywhere 2 seat Forest green sunfire with green vinyl bench seats. For you economy minded people it has 4 speed manual transmission with cruising overdrive gear 225 c.i.d. six cylinder with new 2 barrel carburetor, disc brakes, F78x14 tires.

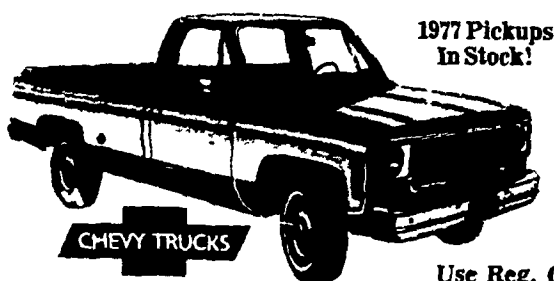
Stock No 5037
1977 DODGE 4577
ROYAL MONACO
BRAND NEW 4 door sedan, Mojave beige with cloth & vinyl bench seats automatic transmission V-8 engine power steering power disc brakes electronic ignition, AM radio GR78x15 white sidewall steel belted radial tires.

Stock No 1160
1977 DODGE 4439
ASPIN
BRAND NEW CUSTOM 4 door sedan Spanish gold metallic with parchment cloth & vinyl bench seat torqueflite transmission power steering power disc brakes electronic ignition 318 V-8 engine, color keyed vinyl body side molding AM radio deluxe wheel covers, D78x14 white sidewall tires.

Stock No 0355
1977 DODGE 552314
WAGON
BRAND NEW W150 149 wheelbase Club Cab Silver cloud metallic with blue vinyl interior 2 flip down auxiliary seats in rear 318 V-8 engine automatic transmission power steering power disc brakes electronic ignition 6100 lb GVW package (burns any type of gas) L78 x 15 four ply mud & snow tires including spare tire and wheel.



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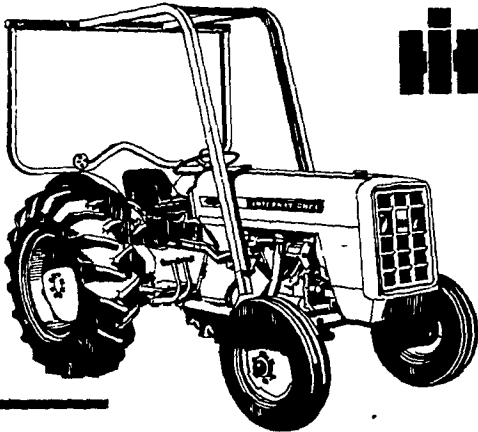
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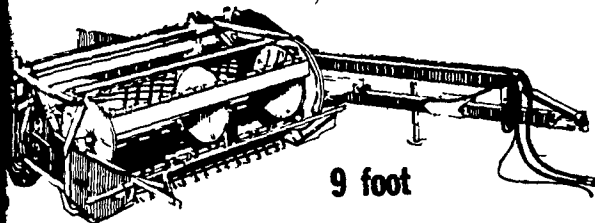
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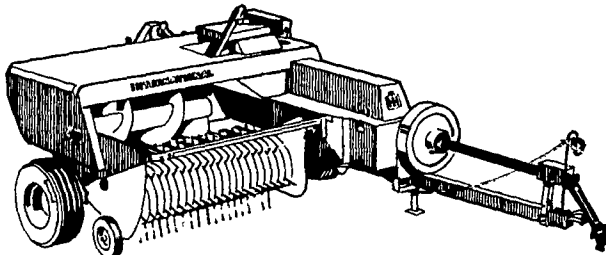
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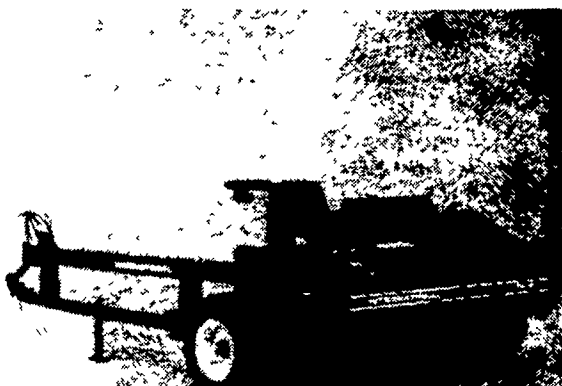


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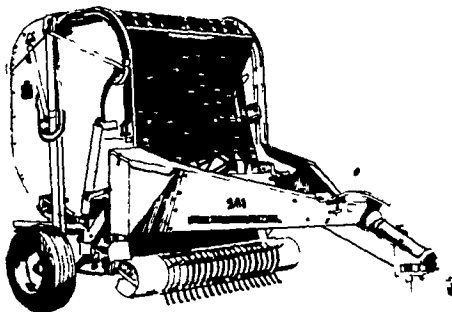
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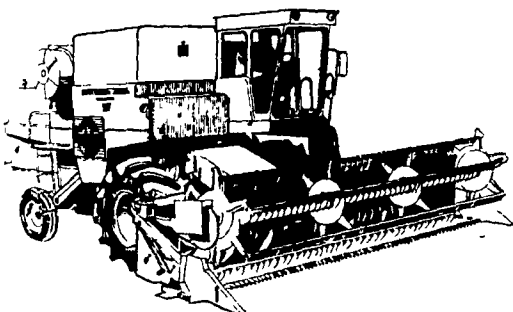
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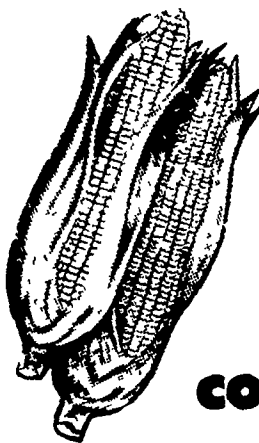
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Myerstown - 717-866-5495

Lehighton - 800-322-9281

Penn Argy - 215-863-9722

Strasburg

Honey Brook

Kempton

LONG**CONSIGN YOUR USED EQUIPMENT TO OUR LOT****LONG****GOOD DEALS ON NEW LONGS****WE GET IT SOLD****OFFERS ALWAYS CONSIDERED****"SUPER SPECIAL"**

New 4' 3 pt. rotary cutters	\$395
New 4' pull rotary cutters	\$475
New 5' 3 pt. rotary cutters	\$445
New 5' pull rotary cutters	\$495
New 6' 3 pt. rotary cutters	\$595
New 6' pull rotary cutters	\$695

GARDEN TRACTORS

AC 10 HP	Int 5 HP
JD 10 HP	[5] Roper 5
Int 10 HP	Rototillers in stock
MF 10 HP	[4] Leaf Mulchers
JD 7 HP	

CORNSHELLERS & GRINDERS

- [6] Int 234 sheller units
- JD 227-237 sheller units
- [2] JD 43 PTO portable sheller
- [3] MM E portable sheller
- [10] N1 shellers & grinders for 2 row pull & mounted pickers
- MM D portable sheller

CORNHEADS -**WE FIT ALMOST EVERYTHING**

[6] AC E 240	JD 643
[2] AC A 240	[8] Mc 227
[3] AC E 111 240	Mc 733
AC A 330	[2] Mc 10' grain heads
AC FL 330	[2] Mc 327
AC C 430	Mc 13' grain head
AC C 440	MF 300 grain head
AC F 430	MF QT grain head
AC GL440	MF 20
AC C630	MF 22
JD 10	[2] MF 222
[2] JD 205	MF 24
[2] JD 210	[2] MF 33
[3] JD 234	MF 422
[2] JD 313	MF 43
JD 334	MF 621
JD 435	Oliver 2x40
JD 443	Int 429 WN

**NEW & USED DUALS
ON STOCK****TRAILERS**

Fontaine 2 axle lowboy trailer - 20 ton	\$2500
[2] 1976 Fontaine 42' drop deck	\$8500 ea.
New Hudson 2x - 24,000 lb.	Special \$3500
New Hudson 3x - 36,000 lb.	Special \$4250
New Hudson 1x - 6,000 lb.	Special \$1500
[2] Hudson 2x trailer - tag-a-long 8000 lb.	Special \$1250
[3] Hudson 2x tag-a-long - 12,000 lb.	Special \$2000
[2] Hudson 3x tag-a-long - 12,000 lb.	Special \$1750
[2] Hudson 3x tag-a-long - 16,000 lb.	Special \$2500
1971 Troyer 40' Flat - bulk head - sliding tandem	\$1750
New Horse Trailer for 2 horses	\$1875
1977 Delta Combine Trailer - 44'	\$11000
Hay Trailer - 40' long	\$1500
New Snowmobile Trailer	Special \$400
Used 2x Trailer	\$1075

CARS & TRUCKS

1976 Chevy Monte Carlo - Landau - loaded	\$5000
1975 Chevy Monte Carlo - excellent	
1973 Chevy Malibu-Laguna - excellent	
1975 Cadillac Fleetwood Brogham	
1973 Cadillac Sedan De Ville - super clean	\$4500
1977 Chevy Cheyenne Pickup - loaded	
1977 Chevy 4WD Pickup	
[2] 1974 Chevy Cheyenne Pickup	\$3300 each
1977 Chevy C30 Rollback Truck - 15' bed	\$10,900
1967 Ford Shelby GT500 - 4 speed - sharp	
1968 Ford Shelby GT350 - conv. - 4 speed - sharp	
1976 GMC Customized Van - Midas Touch	
1977 Cadillac Coupe De Ville	
1969 Int. 10 Wheel Dump	\$6500
1966 Mack 10 Wheel Dump-Diesel - Clean	\$10,800
[6] Motorcycles	
1964 Chevy Impala Convertible	\$1275
Ford Cattle Truck	\$2500
1972 Int 4WD pickup & snow plow	\$2000
1973 Chevy Pickup	\$2750
1974 Int 4200 Transtar w/26' Rollback	

MISC. CONSTRUCTION

Bay City 65 Dragline - 50' boom	\$5500
[3] CAT 641 Scrapers - 64F series	\$17,500 choice
[2] CAT 631A Scrapers	\$15,000 choice
5 set Forklift Forks	\$150 & up
[5] Backhoe & Loader Buckets	\$75 & up
Roll Bar	\$400
Sheep SOLD, roller	\$2000
[4] Sweepers - mounted and self contained	\$200 & up
[2] Rubber Tired Roller	\$900 each
3 pt. stone rakes	\$500 & up
3 pt. aerator	\$475
Schramm Air Compressor	\$1975
4 wheel industrial carts	\$75 each
Franklin 170 Log Skidder - w/Grapple	\$5500
[4] 1 ton Rollers	\$500-\$2100
Pettibone log skidder	\$4500
[2] Gallon 3-5 ton Roller	\$3000
Lorain Truck Crane	\$5000

**NEW COMBINE CABS AVAILABLE
ORDER EARLY**

A.C. EIH-F-G-K-AII-CII-E-A
 Case 600-700-900-660-960-1010-1060-1660
 INT 101-151-181-303-403-503-615-715
 J.D. 45-55-95-105-3300-4400
 M.F. 410-510-92
 Oliver 430-431-542-5542-525-535-545-5525-5535-5545
 M.M. 3490-4290-4292-4293-2890-3496-4296

CRAWLER LOADERS

AC HD6 w/ripper	\$3725
JD 450 1969	\$8900
Case 450	\$7500
Case 1150	\$9500
AC HD5	\$2500
CAT 977H - powershift - ripper - super clean	\$17,000
CAT 983-1971-ripper-75% UC - clean	\$58,000
Case 310	\$4000

FORKLIFTS

White - Pneumatic	\$3500
Clark 5000 Lb Pneumatic	\$1750
Case 580 CK - Super Clean	\$7000
MF 204 workbull	\$4975

ROTARY MOWERS

Bush Hog 21' w/wings	\$2950
Woods 214 - 14' like new	\$2500
J.D. 707 - 14'	\$1850
NI 2 row stalk cutter	\$195
[4] 3 gang reel mowers	\$400 choice
Ford 5'3 pt - rough	\$295

BACKHOES

Case 530CK Diesel - clean	\$4500
Int 3514D-hydrostatic - late model - clean	\$6850
J.D. 2010D - half cab - run good - super clean	\$5000
Long 3 in 1 - 500 Hours	\$8000
Long 3 pt hoe attach - new SOLD	\$3300
Davis Hoe attach for Uniloader	\$1450
[2] JD backhoe attachment	\$2000
Fordson Major	\$1500

UNI SYSTEM EQUIPMENT

NI 729A Sheller	NI 3x40 Cornhead
NI 726 Husking Bed	NI 3x30 Harvester Head
NI 710 Combine Unit	[2] NI 2x40 Harvester Head
NI 713 Grain Head	[4] NI 2x40 Cornhead
NI 4x30 Cornhead	[2] NI Uni Pickup Head
NI 3x30 Cornhead	

"FARM TRACTORS"

[2] JD 730 Direct Electric - clean	\$3750
JD A w/power steering - clean JUNKED	\$1375
JD 420 w/power steering	\$1750
JD 820 2 cyl diesel	\$3000
JD 4020 Diesel WF - powershift	\$8500
JD 3020 Diesel - 3 pt	\$6500

FARMALL 1466 w/cab-air-clean SOLD	\$15000
FARMALL C w/ldr	\$1500
FARMALL Cub-Plow-Cult-clean	\$2500
FARMALL C	\$975
FARMALL 130 clean	\$2495
FARMALL Cub w/Cult - clean	\$2150
FARMALL Cub w/Woods rotary mower-hydraulic	\$2475
FARMALL M w/loader	\$1375
FARMALL 350 Diesel	\$1475
FARMALL 1256 w/Cab 3 pt-WF	\$9000
FARMALL 140 w/sickle mower - clean	\$1950
[6] FARMALL 140's - state tractors - some with mowers	\$1295 ea
FARMALL Cub - brand new - F.H. - Woods Mower	\$4250
FARMALL Super M - original	\$1475
FARMALL 400	\$2250
FARMALL M	\$875
FARMALL 200-FH-plow-cornplanter-platform-cultivator-mower	Call

[3] AC D21 w/duals - clean - 1 w/loader	\$6000
AC 1600 w/MOWER - 340 Hours	\$5900
AC D15 w/loader & tamper	\$3000
AC 220 w/CAB - clean	\$10,500
AC 190XT - cab - sharp - WF	\$7900
AC 190XT series 3 w/cab - sharp - WF	\$8900
AC D1T - gas - power steering	\$2750

[2] OLIVER 1655 G&D - WF - over under shift - clean	\$6500-\$7500
OLIVER 1650D	\$4900

DEUTZ 9006 - WF - clean	\$7500
FORD 5000 4WD - diesel - new tires	\$8500
FORD 4000 - diesel - try clean	\$5000
FORD 8N - WF - 3 pt	\$1675
FORD 5000 - WF - gas - original	\$5000

MM G1000 - diesel - WF	\$4500
MM G900 - diesel - WF	\$5700

Case 1470 w/cab - 3 pt - pto	\$15,000
Case 930 w/cab - excellent	\$4900
PLAINSMAN 4WD w/cab - 3 pt - pto	\$12,500

LONG 360 List 6292	Special \$4995
LONG 360	List 6335
LONG 460	List 6787
LONG 460 4WD	List 7876
LONG 460 4WD	List 8114
LONG 560 DEMO LIST \$8282	Special \$5900
LONG 560 List 8282	Special \$6995
LONG 560 4WD	List 9729
LONG 560 4 WD	List 9967
LONG 1100 List 12569	Special \$10,795

COMBINES**BEST SELECTION WE EVER HAD
OF SHARP COMBINES**

MF 410	Coming in
MF 82 w/cab	Coming in
MF 300 w/cab	\$5000
JD 7700 Diesel	Call
MF 205 w/cab - 10' Grain - Clean	\$5800
MF 300-cab-fire damage	\$2750
JD 30 pull type Combine	\$1850
J-D. 45 - cab - clean	\$3750
Mc 82 pull type Combine - excellent	\$3500
Mc 91 - Very Clean - excellent	\$2500
A.C. Gleaner F - Gas - Cab - Very Clean	\$13500
[2] AC Gleaner E 111 - Gas - Cab - Very Clean	\$7000-\$8000
[3] A.C. Gleaner E - Cab - Very Clean	\$4750-\$6000
J.D. 3300 Diesel - Cab - 350 Hours - Like New	\$18500
[4] Int 205 - Cab - Very Clean	\$2900-\$6900
Int 615 - Cab - Brand New	\$20,000
[2] AC Gleaner C 11 - Cab	\$5000-\$7500
MF 510 D - Cab - QT - good	\$14,500
MF 300 QT	Coming in

LONG

HOURS:
 Mon. thru Fri. 7:30 - 5:00
 Sat. Mch. Dept. 7:30 - 3:00
 Parts Dept. 7:30 - Noon

WENGERS' INC.**LONG**

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown.

PHONE: Days 717-866-2138, Nights 717-866-7147 OR 717-273-9089

SPECIAL
NEW 16' & 18' GRAIN BODYS
 (6 only) **\$100.00** per foot
ON STOCK ROUND LOCUST POSTS
 (only 118) - pointed **\$1.75** each

28 SOLD SPECIALS
YEAR-A-ROUND CABS— YOUR CHOICE TO FIT

Oliver 1550-1555-1650-1655-1755-1855-1955-1750-1850-1950
 2255 2-105, 955MM, 1355MM

Int 544-656-706-756-806-856-826-1026-1206-1455-666-766-966-
 1066-1466-1468

JD 2510-2520-3010-3020-4020-4320-4000-4030-4230-4430-2840
 AC 190-190XT-200-210-220-7030-7050-170-175-180-185

Ford 5000-7000

Cabs Include:

- 1 Two Toned Matched Paint
- 2 Tinted Safety Glass
- 3 2 Removable Doors
- 4 Windshield and Windows Which Open or Remove
- 5 Mounting Brackets
- 6 Reinforced Roof
- 7 Sky Hooks
- 8 Pre Assembled All Welded Construction
- 9 Deluxe Interior, Completely Upholstered [Including Roof] With 1" Thick Foam Rubber Covered With Perforated Vinyl
- 10 [2] Front Light Brackets
- 11 [2] Rear Light Brackets
- 12 Extra Heavy Duty Window and Door Hinges
- 13 [2] Extra Large Steps
- 14 All New Rubber Mounting
- 15 Special Sound Resistor Pad Covering Entire Tractor Platform, Plus Quality Long Lasting Heavy Floor Mat
- 16 2" X 4" Steel Tubing Frame
- 17 Cab Completely Rewired With Quick Clips Front and Rear and With Fuse Block
- 18 All Wires Are Concealed Within Frame of Cab
- 19 Fender Area Recessed For 30" Rows
- 20 Roll Protected And Crush Proof
- 21 Twin Fresh Air Fan
- 22 Heater
- 23 Defroster
- 24 Donaldson Air Filter
- 25 Windshield Wiper

PRICED AT OUR LOT

only **\$1695.00**

Fenders traded in if you wish

NEW ALL SEASON CABS FOR:

Case 930-1030
 Deutz 6006 - 8006 - 10006 - 13006
 M.F. 1080-1085-1100-1105-1130-1135
 Equipped the same as year-a-round

SAME PRICE \$1695.00 FOB our lot

ALSO NEW CABS TO FIT
ALMOST EVERY OTHER
TRACTOR AVAILABLE

CORNPLANTERS

J.D. 7000, 4-row [3] Ford 2x3 pt
 Int. 56, 4-row Int. 2 x FH
 Int. 56, 6-row J.D. 1240, 4-row
 [2] Int 2x pull type J.D. 290, 2-row
 JD 2 x pull type

CRAWLER DOZERS

JD 350B - 6 way	\$8500	J.D. 1010	\$3500
JD 350B w/winch	\$8500	JD 450 6 way-clean	\$10,000
[2] JD 350	\$4500-\$6000	CAT D8H-46A-Hyd.	\$22,000
Int TD6	\$2500	Int TD 24	\$3,000
Int TD15	Call	Int TD8C - 6 way	\$16,500

RUBBER TIRED LOADERS

[2] Case 1740D uni loaders	\$4000-\$6500
Case 1816 uni loader - excellent	\$3750
Quattrone 1700 uni loader	\$3750
4 H uni loader	call
Ford uni loader	\$3300
Michigan 175 w/GM diesel	\$7500
Terex 72-10 w/GM diesel - all new rubber	\$14,500
Tough 50C w/GM diesel - Clean - 1969	\$10,800
Trojan 304A w/GM diesel	\$11,600
Case 530 w/ldr	\$3250
JD 1010 w/ldr - needs engine work	\$2600
Case W7E w/Cab	\$8500
CAT 988 articulating - repairs being done	Call
Tough 90E - articulating - repairs being done	Call

WENGER'S INC.
 Myerstown

Livestock For Sale

For Sale - Two year old ½ blood Beefalo bull. His calves are dropping now. Ph: 814-326-4554 or 609-896-1161.

For Sale - Red & White purebred Holstein Bull Calf. Dam has over 17,000 lbs. of milk. \$175 or best offer. Phone 717-733-9371.

Registered Holstein bulls, 1 year old and younger. Out of dams with records to 24,000 milk and 900 fat. Stump Acres 717-792-3216 York County.

For Sale - Feeder Pigs. We aim to please. 215-789-4677.

Hampshire and Yorkshire Service Age Boars and Gilts from certified meat type breeding. Contact John Strawbridge, Stewartstown, Pa. 17363. Phone 301-996-2022.

MARE OWNERS:

Jen-Air Acres invites you to look over our four quarter horse stallions, one of which is sure to produce an outstanding foal for you.

Phone 215-488-6914
 or write:
 R.D. 2, Box 179,
 Bernville, Pa. 19506

Livestock For Sale

For Sale - Dairy goats - does and bucks, kids and mature animals bred for show and production. Must sell, returning to school. Priced reasonable. Ph: 301-838-7551 after 6:00 PM.

For Sale - Service age Holstein bulls. Dams classified VG with records to over 24,000M & 1,000F. John Stump, Bernville, PA PH: 215-488-1965

"Performance Tested Bulls" Now on hand:
 Year Angus Bulls
 2 year old ½ blood Chianina, will sire ¼ blood calves.
 ¾ blood Chianina Calves.

TWIN OAK FARMS
 Quarryville, Pa. 17566
 Phone 717-786-2146
 or 786-2201

WOOL

BRING YOUR WOOL TO WEST EARL WOLLEN MILL

1 mile West of
 Brownstown, Pa.
 6 Days a Week.

717-859-2241

SPRAYERS

J.D. 600 Hi boy	\$2500
[2] Used PTO	\$295 each
200 Gal 3 pt	Call
[2] 300 Gal pull type	Call
[2] 400 Gal pull type	Call

HARVESTERS

NH 717 Cutterbar	AC 780 cutterbar
NH 880 Cutterbar	NH 880 chopper w/2x30 corn
[2] Int 2x40 cornheads	NH 717 w/1 row corn
Int 2x30 cornhead	[2] JD 6 - 12 pickup heads
[3] Int 15 16-350 pickup heads	JD 34-38 pickup head
[3] Int 50-55-550-650 pickup heads	JD 2x30 corn for 34-38
[7] Int - 15-16-350 cutterbars	JD 3x30 corn for 38-3800
Int 50-55-550-650 cutterbar	[3] AC 780-782 pickup heads
NH 880 pickup head	[2] Fox pickup heads
[5] NH 717 pickup heads	Fox 2x30 corn head
[2] NH 616 pickup heads	Fox 4x20 corn head
[4] NH 818 pickup heads	Gehl 2x30 corn head
[3] NH 616 cutterbar	Gehl cutterbar
NH 2x30 corn for 717	[2] Gehl pickup head
[3] NH 1x corn for 616	Gehl chopper w/2x40 corn
	A.C. 2x30 cornhead

HAY EQUIPMENT

Hesston 500 S.P. windrower - as is	\$2000
[2] Hesston 10 stackers like new	\$3800 each
JD SP haybine 215A	\$2500
JD 480 haybine	\$1475
Mc 46 baler	\$495
NH 1048 bale wagon w/cab SOLD	\$12,500
NH 283 baler - excellent	\$3500
NH 268 baler w/PTO thrower	\$2250
Int 47 baler w/ PTO thrower	\$1475
Int 990 haybine	\$1975
[9] sickle bar mowers	\$100 & up
Hesston 30 mover	\$2500
[2] Hesston 10 mover	\$595
3 pt stack mover	\$375
NI cut conditioner - super clean	\$2275
[8] Rakes	\$150 & up

IRRIGATION SYSTEM COMPLETE

Ford V8 gas powered - Mario 6" pump - trailer mounted
 32 - Rainbird 708 sprinklers
 28 - Wosco 6LC couplers
 50 - Wosco 6 MC couplers
 41 - Wosco 4LC couplers
 1 - 4" to 6" adapter
 2 - 6" T joints
 2-6" faucets
 6-Asst 6" elbows
 4-Asst 4" elbows
 37-4"x30' Alcoa pipe
 5-4"x20' Alcoa pipe
 76-6"x30' Alcoa pipe
 5-6"x20' Alcoa pipe
 1-6"x40' Alcoa pipe

PRICED TO SELL
\$1500

Livestock For Sale

FEEDER CATTLE

Will buy on order, truck to your farm or assemble for your trucker.

DENZIL HEISHMAN

Rt. 1, Box 232B
 Strasburg, VA
 Ph. [703] 465-5785

Livestock For Sale

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YORKSHIRES

LEON L. ARNOLD

Rte. 7, Box 705
 Lebanon, PA 17042
 Ph: 717-273-5880

For Sale

CHIANINA

World's Largest Cattle

- Cows with calves at side.

- Bred and Open Heifers.

- Also Beefalo.

TWIN OAK FARMS

Quarryville, PA 717-786-2146 717-786-2201

FOR SALE
CROSSBRED
GILTS
OPEN & BRED
GILTS

Same Bloodlines
 as Champion Market Hog
 at Harrisburg
 Farm Show.

HENRY A. W. GRUBER
 NEW TRIPOLI RD 2,
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YORKSHIRE
OPEN GILTS
READY TO BREED
ELWOOD E. HOUSER

RD 5 Box 70
 Lebanon, Pa. 17042

Phone - 717-272-5798 or 717-273-2921
 delivery can be arranged

GOATS FOR SALE

(PUREBRED REGISTERED)

ALPINES-

Outstanding 2 yr. old buck and doe; and her 3 beautiful doe kids. Doe milking 14 lbs. per day, freshened March 31, 1977.

NUBIANS-

Two one yr. old does (bred) outstanding backgrounds. Two beautiful 1 wk. old buck kids. One salt & pepper with silver ears the other auburn with white star. Excellent confirmation, very high butter fat & good production background.

SARA-LOU FARMS

SHOWN BY APPOINTMENT ONLY
 6545 Parkway East, Lingelstown, Pa. 17112
 (717)652-2817



TOP QUALITY CHAROLAIS
AT AFFORDABLE PRICES

Now breed up to Charolais Performance and get easy calving and vigorous uniform calves.

Get Semen from our proven Herd Sire

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or

Buy one of his Polled Sons.

For top Charolais Performance without the polled influence select a young horned bull.

Mature cows and Heifers

Available at all times

Write or Call for Details:

GREENFIELD CHAROLAIS FARM

Howard & Pat Smith
 RD 1, Box 272, Landenberg, Pa. 19350
 215-274-8728

Household Goods

Wanted - Number 45 Holland hot air furnace, for parts. Condition not too important. Phone 717-243-2754.

For Sale - Monarch heatrola in good condition. \$60. Phone 215-445-4053.



Trucks

Going out of business - 1967 GMC hay truck, new 24 ft. body plus 10 ft. rack over cab. Model 7500, good 10 x 20 tires, 23,000 lb. 2 speed rear, air, 23,000 miles on brand new 401 engine, excellent condition throughout. Phone John Messling evenings 201-454-8259.

For Sale - '71 Chevy C60 366 engine, Stoltzfus line and fertilizer spreader; 20" web, good condition, new inspection, \$6500. Phone 717-244-8396 or 244-3914.

For Sale - International Dump 1600 Model, 4 yard Body, \$1800. 215-696-0908.

For Sale - '73 Chevy, one owner, \$2995. Pace Chevrolet, Glen Rock, Pa. 717-235-4866.

For Sale - '72 Oldsmobile, 55,000 mi. \$1595. Pace Chevrolet, Glen Rock, Pa. 717-235-4866.

For Sale - '77 Chevy, 4 wheel dr., 8 ft. fleet side with trailer package. Save now. Pace Chevrolet, Glen Rock, Pa. 717-235-4866.

For Sale - '74 Chevy Suburban, 4 wheel dr., priced to sell. Pace Chevrolet, Glen Rock, Pa. 717-235-4866.

Trucks

For Sale - 68 Chevy, one owner, with topper \$1195 Pace Chevrolet 717-235-4866.

For Sale - '75 chev. 10 custom pickup, 350 v-8, Auto., PS, 24000 miles \$3500. Phone 717-273-6018.

1977 B-200 Black Beauty Van
1977 D-200 Club Cab-400 cu. engine
1977 W150, Blue, 4 wheel drive
1977 Diplomat, 2 door Hardtop
1976 Hornet Hatchback, 12,000 miles
1975 Dart, 4 door
1975 Dodge Pickup, P.S.
1966 D100 Pickup, Like new
1966 A100 Sportsman

PETTICOFFER DODGE, INC.

Route 230 East Next to Shopping Center Elizabethtown PA
PHONE 717-367-1808

BIG OR SMALL PRITZ DODGE SELLS THEM ALL

DODGE CAR & TRUCK CENTER

1974 Chevrolet ½ ton truck, step side, v-8, standard shift, low mileage-\$3295.

1975 Dodge B300 van, v-8, automatic, PS PB, heavy duty ¾ ton-\$4495.

1977 Dodge Club Cab-v-8, Auto. Trans., Adv. Pkg., 6100GVW Pkg.

1976 Used Dodge Power wagon, 8 ft. box, v-8, Automatic Adv. Pkg., camper top-\$5295.

1976 Used Dodge Power wagon snofiter pkg. with plow, v-8, Auto. Trans., 8 ft. box \$5995.

1973 Dodge Club Cab, 8 ft. box, v-8, air. cond., PS, PB-\$3295.

1975 used GMC truck-6 cyl., standard Trans., camper top, 6 ft. box-\$3395.

1971 Chevrolet Van-customized, v-8, standard shift, PS, PB-\$2195.

1974 used Ford ½ ton truck-6½ ft. box, v-8, standard Trans., low mileage, camper top-\$3295.

SEE THESE & MORE AT
PRITZ DODGE
Minersville
Llewellyn Highway
Phone 717-544-2111 or 717-544-3972
Open Evenings till 9 P.M.

Trucks

For Sale - 35 ft. trailer with a Reifer body, used for freezing. Priced reasonably. Ph: 717-367-1347.

For Sale - 1971 Chevy C60 heavy-duty dump truck, 33,000 GVW, new seal heavy duty dump box, full cab protector, 427 engine, dual fuel tank, air brakes. Excellent. Phone 717-998-2204.

LARGEST NON-FRANCHISED TRUCK DEALER IN MONTGOMERY COUNTY

(Toll Free Number - 800-362-7655)
Also Good in Area Codes 717 & 215

Drive A Little, Save A Lot...
If We Don't Have It, We'll Get It For You!
OVER 80 IN STOCK

4 WHEEL DRIVE

'74 Int. Scout II, V8, Auto., PS, AC, Fr. wheeling Hubs, Low Mileage - \$4695.

'74 Jeep Pickup, V8, Auto., QuadraTrack - \$3995.

'73 GMC Jimmy, V8, 4 Speed, Free Wh Hubs - \$3995.

'72 Jeep Commando, 6 Cyl., 3 Sp., 4 Wheel Drive & Free Wheeling Hubs, 2 Tops, AM Radio - \$2495.

'72 ¾ Ton Ford, Moryville Body, 360 V8, 4 Speed, Fr. Wheeling Hubs, Low Miles - \$3995.

'68 Int. Scout with Hyd. Plow, V8, 3 Speed. Free Wheeling Hubs - \$2395.

TRUCKS

'76 Ford ¾ Ton Super Cab, Bench Seat in Rear, V8, Auto., PS, Driven Only 8,600 Miles - \$5295.

'75 Ford Ranger, V8, A, PS, PB, driven only 14,000 miles - \$4695.

'75 Ford ½ Ton Pickup, V8, A, PS, AM with tape player - \$3495.

'75 Chevy ¾ Ton, V8, Auto., Low Miles - \$3995.

'74 GMC ½ Ton, V8, Auto., PS, 2 Tone - \$3795.

'74 Ford ½ Ton Pickup, Ranger XLT, 390 V8, Auto., PS, AM-FM Stereo, AC - \$3795.

'74 Ford ½ Ton Pickup, 6 Cyl., St. Shift, PS - \$3495.

'74 Toyota Pickup, Auto, Bucket Seats, Clean - \$3495.

'74 Chevy ½ Ton Pickup, V8, St. Shift, Real Clean - \$2995.

'74 Dodge ½ Ton Pickup, V8, Auto, PS, PB, AC, Driven only 29,000 miles - \$3495.

'74 Ford ½ Ton Pickup, 360 V8, w-Ranger Package, Auto., PS, PB AM Radio - \$3395.

'74 Ford ½ Ton Pickup, V8, Auto., Explorer Package, PS - \$3795.

'74 Ford ½ Ton Pickup, 302 V8, Auto, PS, PB - \$3595.

'73 Chevy ½ Ton Pickup, Step Sides, 6½ Ft Bed, 6 Cyl, St Shift - \$3195.

'73 Ford ¾ Ton, V8, Auto, PS, PB - \$3495.

'73 Chevy ½ Ton Pickup, 6½ Ft Bed, V8, St Shift, Wide Wheels with Spoke Rims, Low Mileage - \$3195.

'73 Ford with Cap, V8, Stick, only 22,000 miles - \$3495.

'72 Datsun, 4 Cyl., 4 Speed, 7' flat bed, driven only 56,000 miles, real clean - \$2295.

For Sale - 65 F 600 Mack C.O.E. sleeper, 10 x 20 rubber, S-A wet line 711 eng. Excellent \$3450. 18 ft. S-A steel dump trailer \$850. Phone 215-262-4501.

For Sale - 40 ft. Gindy van; 33 ft. highway van; 33 ft. fruehauf flat; 39 ft. dorsey flat. Storage vans for sale or rent. Keens. Phone 717-626-5420.

3 PC. UNIT

'69 Chevy Dump Truck C-50, V8, 4 Sp Trans., 2 Sp. Rear, 900x20 rubber 24,000 GVW, driven only 13,000 miles...

'73 General Tag-along Trailer

'100 E Int. Loader, 1700 hrs.

ALL FOR ONLY \$18,000

VANS

'76 Dodge ¾ Ton Maxi Van, V8, Auto., PS, PB - \$5495.

'76 Chevy ½ Ton Van, 6 Cyl, St. Shift, PS, AM-FM Stereo w. 8-track, Carpeted inside - \$4695.

'76 Ford E150, V8, Auto, PS, Real Clean - \$5195.

'75 Dodge 1 Ton Van, V8, Auto., PS, PB - \$4595.

'75 Dodge, 6 Cyl, St Shift, Windows Rr. Door Only, Short Wheel Base, Low Mileage - \$4395.

'75 GMC Rally Six, 8 passenger, V8, A, PS, PB, AC - \$5895.

'75 Ford Econoline 150, 6 Cyl, Auto., PS, PB, 8 Pass. - \$4495.

'75 Chevy ½ Ton Van, 6 Cyl, St. Shift, Low Mileage - \$4395.

'74 Chateau Club Wagon, 8 Pass, V8, Auto, AC, PS, PB, Aux Heater - \$4695.

'74 Chevy Beauville Van, V8, A, PS, PB, AC, 8 Passenger - \$5395.

'74 Ford ¾ Ton Van, V8, St Shift, PS, PB, Partially Equipped for Camping, Low Mileage - \$4195.

'74 Dodge ¾ Ton Van, 6 Cyl, Auto., PS, Windows Rr Door only - \$3695.

'74 Chevy Beauville Van, V8, Auto, PS, PB, Dual Fact Air, 12 Pass, Low Mileage - \$5695.

'73 Ford Club Wagon, 5 Pass, 6 Cyl., St Shift, Real Clean - \$3395.

'71 Ford, 6 Cyl, St. Shift, Low Mileage - \$2995.

'71 Chevy, 6 Cyl, St Shift, Sh Wh Base - \$2395.

MIKE RHODES & CO.

Rt. 663 & Swamp Pike
Gilbertsville, Pa.
(215) 327-1380

Trucks

For Sale - farm bulk pick-up trucks, good condition; stainless steel equipment and roof together or separate. Box 266GG, c-o Lancaster Farming Newspaper, Lit. Pa. 17543.

For sale - 30" truck cap, condition, \$200. Also 4 (2) 8.75 x 16.5, 8 ply; (2) x 16.75 6 ply, like new evenings between 6 & 9, 4259.

Real Estate

Wanted to rent - responsible couple wishes to rent house in Lancaster County. Ph: 717-665-4336.

Wanted - Dairy farm operate on percentage basis. Call 717-762-5736 after 9 p.m.

For Rent - 2 patches pasture - one 25 acres one 3 acres. Good fences the Jonestown area. Ph: 717-569-0416 or 717-865-4259.

For Sale - 7 acres with 6 house. Secluded wooded area, 45 mi. from Pottsville. Phone 717-477-5053.

PERRY CO., Bloomfield Area, 174 Farm, lovely 4 BR 3 1/2 home, 1 1/2 baths, oil heat stone fireplaces, 80x40 other outbldgs., stream, ASKING \$149,000. Owner will sell 20 w-house & all outbldgs. \$75,000.

NEW BLOOMFIELD, Ac. Farm, 3 BR ranch barn, other outbldgs., (A-1 condition), ASKING \$140,000.

THOMPSONTOWN, Jun Co., 9 Ac. Farmette, 8 home (Built 5 yrs. ago Amish Family), ASKING \$48,500.

LIVERPOOL, Perry Co. Prestigious commercial location on Rtes. 11 & 15 building, ASKING \$89,000. E. WATERFORD, Jun Co., wooded 10.1 Ac w road frontage, \$10,800.

POTTS REAL ESTATE
2010 Market St.
Camp Hill, Pa. 17011
Ph. 717-761-4185

FARM FOR SALE - Estate of William Hoffman, located R. Milton, Pa., on both hardtop road, contains approximately 50 acres which 47 acres are tillable farm land. When erected a 2 story dwelling, barn and outbuildings. conveniences including water heat in house. Immediate possession.

Farm must be sold settle estate. Interested parties may contact undersigned. William Hoffman, Jr., Executive D.I. Milton, Pa., 717-524-0271 or H. Koch, Attorney, 60 W. St., Milton, Pa., Phone 742-8746.

For Sale - 120 acres parcels partly wooded macadam, near Elk resort and golf course, hunting, 5 mi. to town, to Scranton. Phone 717-2532.

Restored 2 story house frontage on Shen Creek, located Loysville, Perry Co. Acres of which 120 farmable. Large barn implement shed and out buildings. Beautiful secluded setting. One kind estate. \$240,000. Shown by appointment. B-H Agency 52 E. High St. Carlisle, Pa. 17013 Phone (717) 243-1000

Make a haul. Buy your truck at Heritage.



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Route 501 1/2 mile south of Lititz

Real Estate

YUGA COUNTY - NEW
 850 acre dairy farm.
 peoye soil. Large fields.
 cow free stall barn. 4
 es. Heated shop. Other
 dings. Frontage on 3
 ds. Owner taking back
 gage after reasonable
 n payment. Call Rural
 lity. From New York 800-
 1480. Elsewhere - 800-448-
 Write P.O. Box 25,
 nce Center, New York
 61.

Acres Dairy Farm for sale
 Allegany County, N. Y.
 approximately 100 acres
 able. 40 Cow Barn. 4
 room house. \$80,000. Call
 write Lang Agency, Inc.
 Estate, 9 West Main St.
 nsteeo, N. Y. Phone 607-
 4116. Listing 0037X.

Sale - 126 acre farm,
 d house and outside
 dings. Located 2 1/2 miles
 n LeRaysville. Wanted
 ed bids. Owner reserves
 right to object or reject
 bids. Simon Yoder,
 lusing, Pa. 18853.

Real Estate

Farm for sale in Lycoming
 County, jug milk operation,
 214 acres, cattle and
 machinery or without. 717-
 547-8062.

Business Opportunity -
 Steuben County, N. Y. Small
 Town General Store with
 Living quarters. \$90,000
 Gross sales reported in 1976.
 Excellent opportunity for
 \$18,000. For Details call or
 write Lang Agency, Inc. 9
 West Main St., Canisteeo, N.
 Y. 14823 Phone 607-698-4116.
 0032X.

Farmette For Sale - Steuben
 County, N. Y. 45 acres; 15
 tillable, 25 pasture, 5
 wooded. Barn 36' x 24' with
 Barn cleaner. Owner
 presently boarding horses.
 14' x 24' pole shed. Also
 includes 7 room house.
 \$32,000. Terms available.
 Lang Agency, Inc. 9 West
 Main St., Canisteeo, N. Y.
 14823 607-698-4116. Listing
 0040X.

Wanted - pasture to lease,
 will pay top dollar. Phone
 717-252-1525. After 8 PM call
 717-252-3925.

Real Estate

For Sale - 64 acre farm in
 Snyder County, Perry
 Township about 50 acres
 tillable, balance timber and
 pasture. 7 room stone house
 with full basement in extra
 good repair. Dairy barn, 350
 gal. bulk tank, large trench
 silo, corn crib, also 150 semi-
 dwarf apple trees starting to
 bear. Large cider press, all
 hydraulic controls with
 necessary equipment,
 elevators, washers, strainer,
 jiggers, stainless tanks,
 pumps, complete with
 cooking room equipment
 with large boiler. 2 deep
 wells plus spring fed pond.
 Located in Amish and
 Mennonite community.
 Priced at \$90,000. Harry M.
 Troyer, Mt. Pleasant Mills,
 Pa. 17853.

140 acre farm, modern
 house, automated feed lot,
 glass-lined silo, modern
 farm buildings and bank
 barn. Port Royal, Juniata
 County. PH: 717-527-4093.

Real Estate

Wanted - family farm in
 Lancaster or Chester
 Counties - prefer dairy or
 hog, 55 - 100 acres, give
 conveniences and type of soil
 and price in first letter. Send
 responses to P.O. Box 266BB,
 c-o Lancaster Farming
 Newspaper, Lititz, Pa. 17543.

NEW YORK DAIRY
 Have you been looking for an
 exceptional farm? Can't find
 one. Look at what we have
 400 acres with 250 tillable.
 Excellent 36x140 barn with 60
 stanchions with lareg stalls,
 2 maternity pens and
 attached calf barn. 2 large
 silos and a 2 story machinery
 shed and 2 car garage shop.
 1 1/2 story house with 9 rooms.
 An above average line of
 John Deer machinery plus
 full dairy. All for only
 \$165,000.00
 Farm Specialist Realty
 1116 Arsenal Street
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 315-782-2270

208 acre modern hog farm,
 farrow to finish, 4,000 head
 annually. Harold Fries, P.O.
 Box 149, Bedford, Pa. 15522.
 814-623-9223.

Lancaster Farming, Saturday, June 4, 1977-73

Real Estate

For Sale - 230 Acre Bradford
 Co. dairy farm. Large barn
 and milk house, 14 x 45 silo.
 Part new 7 rm house, new
 shed and other buildings.
 Stream thru pasture and
 organic farmed for 10 yrs.
 \$650 acre. Clemens Nissley,
 R.D.2, LeRaysville, Pa.
 18829.

DALHART, TEXAS - A
GREAT PLACE TO GROW
CROPS AND KIDS. Buy
 irrigated farmland starting
 in the \$750 per acre price
 range and grow 150-200
 bushel corn. Pay 50 cents-
 \$1.00 property tax per acre.
 NO STATE INCOME TAX.
 Mild winters, 178 day
 growing season, and
 excellent local grain market.
 Friendly community and
 good school system. Free
 brochures available: Call
 collect day or night. (806)
 249-5613, (806) 249-4000. Mike
 Justice & Associates, Box
 501, Dalhart, Texas 79022.

Northumberland Co. dairy
 farm, 130 acres, good
 limestone soil, house, barn,
 silo, pond. Realtor 717-898-
 8441.

FOR SALE - 81 acre steer
 feeding farm, Brecknock
 Township, Berks County.
 Large 10-room stone home
 with 2 full baths plus 2
 powder rooms. Wall to wall
 carpeting throughout house.
 Newly remodeled. 3-room
 guest house w-fireplace.
 Large bank barn 40'x100',
 feed lot macadamized and
 fenced. A-frame office
 building 24'x30'. 72 acres of
 cropland, 9 acres of pasture
 with stream and pond. For
 more information call - 717-
 393-3921 - Lancaster
 Production Credit
 Association, 411 West
 Roseville Road, Lancaster,
 Pa. 17604

JUST APPROVED

Large wooded lots,
 Spring Township, Berks
 Co. All have nice timber
 and plenty of frontage.
 Perfect settings for A-
 frames, Swiss Chalets
 and any of your dream
 houses.

Priced from \$10,000 to
 \$30,000.

Call
OLD HERITAGE
REALTORS
 at 717-354-4071
 Ask for Randal Kline

HORNING FARM AGENCY, INC.

Main Street
 Morgantown, Pa.
 215-286-5183

Nittany Valley:
 142 acres, 80 tillable, 41
 woodland, balance
 pasture, mountain
 spring, 7 room dwelling,
 37.5 x 60 steel im-
 plement shed, no barn,
 asking \$125,700.

155 acres 119 tillable,
 large meadow with
 stream, 7 room brick
 dwelling, bank barn
 with 34 stanchions, 2
 silos, 16 x 55 and 12 x 55,
 2 large steel sheds,
 mountain spring sup-
 plies dwelling and barn.
 Make offer.

Perry County:
 Pick your farm today—
 700 acres plus, 500
 tillable, 4 dwellings, 3
 barns, lots of creek
 frontage.
 Roy E. Haller, Agent
 215-484-4844

Real Estate

2 story bank barn, frame
 construction, metal roof,
 60x32, to be torn down and
 removed from premises.
 Best offer buys. Scotland
 Road, East Drumore Twp.
EMORY D. WAGNER CO.
REALTORS
 215 West Fourth Street
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 717-786-2131 or 786-3020

BEAUTIFUL
POTTER COUNTY
 JN215 - 6-1/2 acres 3 bedroom
 home w-wall to wall carpet,
 gas heat, full basement, very
 good condition. 2 car garage,
 446 ft. of gravel road
 frontage, very nice location.
 All for just \$27,800.
 JN202 - 32 A, 22 wooded,
 balance tillable, 540 ft. road
 frontage, 750 ft. of frontage
 on state lands. Electric and
 phone available and sewer
 permit for only \$16,500 w-
 terms.

SAFE-BUY REAL
ESTATE AGENCY, INC.
 Theodore A. Smith,
 District Manager
 302 Vine Street
 Coudersport, Pa.
 Phone 814-274-7213

Penna. Dairy Farm
Creamy Rich Dairy
 Mostly tillable 200 ac. dairy
 farm, crossfenced pasture
 w-stream. Well. Large 48
 stanchion barn, silo, 3-bay
 garage, more! Stately 2 1/2
 story farmhouse has 4
 bedrms, bath. Quiet country
 road, 5 mi. to town. Own for
 \$160,000. Machinery & cattle
 available. **STROUT**
REALTY, Inc., P.O. Box 246,
 Everett, Pa. 15537 (814) 652-
 9201. Free Local Lists.

For Sale - building lots - 1 1/2
 to 2 1/2 acre lots in Juniata
 County. Also, 10 acre lots -
 Snyder County - road
 frontage - Ph: 717-444-3682

WANTED

Farm with retail
 milk jug operation.
 Send response to P.
 O. Box 266C, c-o
 Lancaster Farming
 Newspaper, Lititz,
 Pa. 17543

Penna. Dairy Farm Dairy Delight

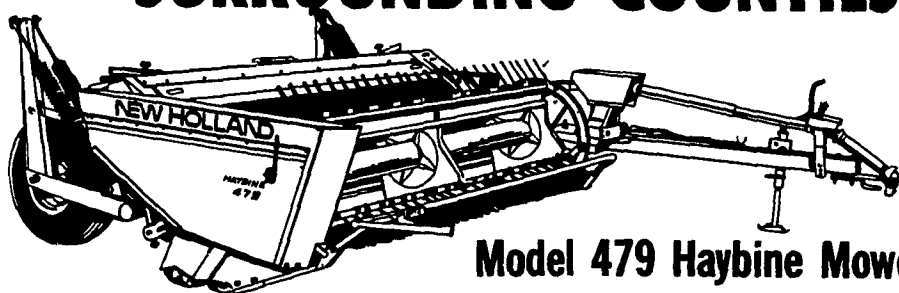
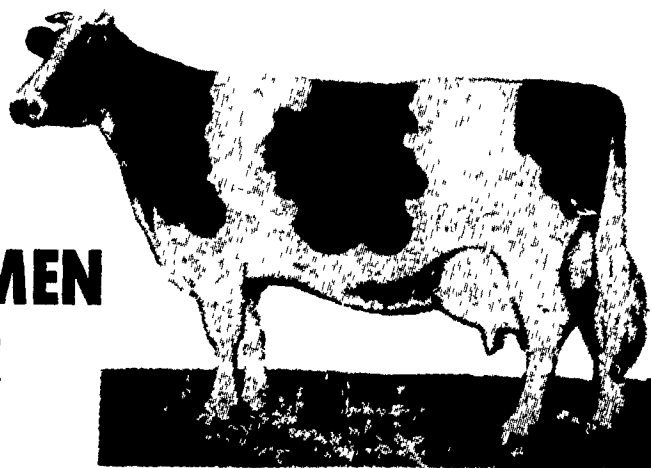
Productive 150 ac. farm,
 room for 50 cattle. Fenced,
 100 tillable acs, 50 in pasture,
 some woodland. 12-room
 Colonial; good shape,
 features 5 bedrms, bath,
 large open porch, basement.
 Grade A barn, 56 stanchions,
 bulk tank, pipeline. Granary.
 On creek, few ft. to hard-
 surfaced road; 5 mi. to town.
 \$150,000, negotiate terms.
STROUT REALTY, Inc.,
 P.O. Box 327, Tioga, PA
 16946 (717) 835-5743. Res.,
 (814) 367-5596. Free Local
 Lists.

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DAIRY-GRAIN-LIVESTOCK
100 to 1000 ACRES
BIG FIELDS
RICH SOILS
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WE SALUTE
ALL
DAIRYMEN
OF LANCASTER
AND
SURROUNDING COUNTIES



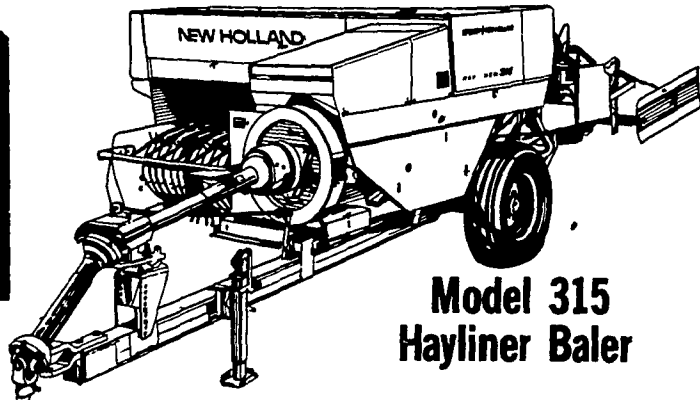
Model 479 Haybine Mower-Conditioner

WAIVER OF FINANCE

MANURE SPREADERS &
 GRINDER MIXERS

TILL OCT. 1, 1977

FORAGE EQUIPMENT TILL SEPT. 1, 1977



Model 315
 Hayliner Baler

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PEQUEA AND NEW HOLLAND HAY TEDDERS IN STOCK

WE WELCOME YOU TO STOP IN AND SEE OUR
COMPLETE LINE OF NEW AND USED EQUIPMENT.

IH 806 Diesel
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 IH 1066 w/cab, 20.8x38 tires
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John Deere #2 Tedder
 Int. Model 710 4 Bot. Plow
 Int. Model 700 5 Bot. Plow
 Farmhand Wheel Rake
 IH 160 Bu. Spreader
 NH 145 Bu. Tank Spreader
 IH 650 Harvester, 2-row
 and pickup

5 ft. Rotary Cutter
 IH 50 Harvester
 NH 717 Harvester, 2-row
 Gehl Blower, Hi-throw,
 Model 88
 IH 370 Disk, 12 ft.
 John Deere Disk, 12 ft.
 NH 30 Ft. Elevator
 NH 275 Baler with thrower
 Fox Blower

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THE RIGHT
CONNECTION

FARM EQUIPMENT INC.

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 JOHN KREIDER HOME 367-6039

PHONE 367-1319

ELIZABETHTOWN, PA.

WARREN SPICKLER HOME 653-4560

Real Estate

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

FARMS FOR SALE NEW YORK

CAYUGA COUNTY - NEW YORK - 850 acre dairy farm. Honeoye soil. Large fields. 200 cow free stall barn. 4 houses. Heated shop. Other buildings. Frontage on 3 roads. Owner taking back mortgage after reasonable down payment. Call Rural Realty. From New York 800-962-1480. Elsewhere - 800-448-4511. Write P.O. Box 25, Venice Center, New York 13161.

Real Estate

C. P. McGARVEY

Real Estate Broker
Loysville, Pa. 17047
Phone 789-3974

SPECIAL!

Juniata County near Honey Grove 3/4 Mile off Rte 75 Mansion Farm - 174 acres - 110 tillable, balance, woodland features: Beautiful renovated 7 room stone house with 3 original stone fireplaces, 2 baths, 3 zoned oil hotwater baseboard heat - large trophy den - balcony & deck porch, all plumbing, heating and septic system new. 2 ponds - along historic Tuscarora Creek [1 mile frontage], new machine & implement shed [each 20 x 45] 1200 bu. corn ring, large barn, with water, shale quarry, level farmland, potentials: resort, subdivision, [with road or creek frontage], will be shown by appointment only - must sell! Reduced to \$157,500.

FARMS

All sizes and types
Finger Lakes Area

J. R. ALLEN REALTOR

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607-292-3180

LANCASTER COUNTY FARM

Found within three hour drive north of Lancaster, in Lycoming Co., highly productive 271 acre dairy farm with 230 acres under plow. All flat to very moderate rolling contoured fields. Presently milking over 100 head. Four barns, 5 silos all with unloaders, 50 x 196 machine barn plus (2) 2-story houses. Ideal for a partnership feed mills International and John Deere dealers within minutes from farm. Eastern milk market. Due to lack of farm labor, owner wants to sell this third generation farm. \$1100 per acre.

Olde Heritage inc.
REALTORS

Call
at 717-354-4071
Ask for Randal Kline

140 A modern beef bunk feeder, field storage, large modern home.

180 A, 140 stalls, liquid manure system, 2 harvestores, retail dairy store.

38 A, wooded, 1000 ft. road frontage, stream, Lancaster Co.

241 A productive land, 60 stalls, harvestore, immaculate farm house plus tenant house.

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Blue Ball, Pa.
Phone: 717-354-4536

CUMBERLAND COUNTY FARMS

No 123-85A highly productive limestone dairy or beef farm, 8 rm, modern brick house & garage, facilities for mobile home. Close to town & interstate. Ideal development - \$169,000, owner will sell approx. 82 A all buildings except house & garage for \$1500 per acre.

No 104-101 acres dairy farm \$100,000.

No 112-50 A dairy or beef farm Owner will transfer approx 200 A of State lease land \$82,500

STROUT REALTY INC.

R.D. 4
Box 260
Newville, Pa. 17241
Phone 717-776-3000

Real Estate

Real Estate

FARM FOR SALE

Beautiful 260 acre rolling, limestone farm, with 2 free flowing mountain springs, in Crawford Twp., Clinton County. Amish neighbors within 5 miles. Approximately 150 acres tillable and approximately 110 acres in woodland.

2 1/2 story plank home with living room, dining room, kitchen, den, 5 large bedrooms & modern bath; with fireplace, oil hot-air heat, 2-car garage.

Old summer house with large fireplace, plus 3 large rooms & cold cellar. Large barn (3 barn floor, 2 large hay mounds, 2 large granarys & straw shed); tractor shed & workshop & tile silo....excellent farm.

Call Fish Real Estate

Phone 717-326-1561 or
Bernard Rell 717-745-7780

JEFFERSON COUNTY FARMS FOR SALE

178 A, 152 tillable, 30 stanchions plus heifer, bulk tank, five bedroom house, owner financing. Illness forces sale. Only \$39,000

200 A stocked and equipped dairy farm, 40 milkers, excellent line of equipment, 1/2 mile river frontage. Nice clean 4 bedroom house, barn and outbuildings in excellent repair - additional land available to rent very reasonably. Under market value at \$138,000.

We also have many more listings on mini or recreational farms. Bare farms, milk parlors, comfort stalls or stanchion farms both large and small.

Call or write stating your choice.

HENRY ENGELBACH REAL ESTATE

203 Mill Street
Theresa, New York 13691
315-628-5848

FARMS FOR SALE — NEW YORK STATE

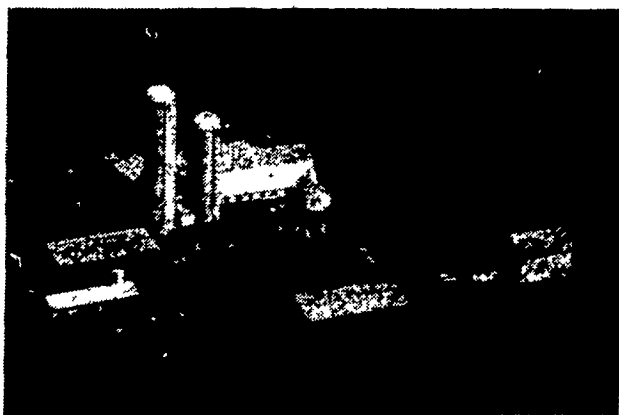
Wayne County Near (Clyde, Savannah Area)
Spring Farm (Specials)

175 acre farm, 7 room hse, family room with fireplace, 30 stanchions, 2 silos, excellent condition \$15,000.00 "Terms"
134 acre farm, 7 room hse, workshop, 20 stanchions, excellent barns, ... \$50,000.00 "Terms"
96 acre farm, 8 room hse, 18 stanchions. \$55,000.00 "Terms"
126 acre farm, 2 silos, 30 stanchions, 8 room hse. \$70,000.00 "Terms"

We have other dairy and crop farms available.

R. VITTICORE, Broker

Appt. Call "Baldy" Vitticore
315-923-4201 or write
Baldy Vitticore, 80 Reese St. Clyde, N.Y. 14433



FOR SALE

Excellent dairy farm - 165 acres, 7 miles east of Elmira, New York. 7 room house with all modern conveniences, new dairy barn with 40 tie stalls, pipeline milker, 16 individual calf pens, heifer shed, 2 concrete silos, 16 x 60 and 16 x 80 with unloaders. Machine shed, corn cribs, workshop. This property cannot be appreciated until seen. Selling only due to health reasons

CONTACT OWNER

WILLIAM HILL

Lowman, New York. Phone 607-732-9609.
(no courtesy calls.)

CENTRAL PA. FARMS

Centre County - 217 General Farm, 5 miles from State College, limestone ground, good buildings. \$260,000 convenient terms available.

Centre County - Ideal as a farmette or weekend retreat and located approximately 12 miles from State College. This property contains 103.5 acres with 21 acres tillable and 82.5 acres woodland. It features an almost new semi-A-frame, two-story home in excellent condition, a small barn 4 springs & a small year-round stream. With good access, seclusion and privacy and low taxes it is fairly priced at \$75,000

Huntingdon County - Ideal for general or livestock farming or for investment. This farm contains 180 acres with 100 tillable, 60 acres pasture & 20 acres woodland. Featured is a sound brick home built in 1842, excellent, never-failing spring water, a large 2 story frame barn with horse stalls & 2 horse riding areas. Located 2 miles off Rt 222 near Huntingdon & 7 miles from the Raystown dam. Priced at \$135,000 with owner financing at 7 1/4 percent interest

Huntingdon County - Nice 277 acre Dairy farm with 240 acres tillable, 33 acres pasture, & 4 acres woodland. Featured is a 2 story frame house, with aluminum siding, 2 story frame barn with 50 stanchions, milk house with bulk tank, & water heater, large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings. The majority of this farm lays quite nicely. Located 20 miles from State College. Priced at \$275,000 with owner financing available

Huntingdon County - Good General, Beef, or Hog Farm, 160 Acres, 100 Acre Tillable, 30 Acres Pasture & 30 Woodland. Large double house, barn with liquid manure pit & cemented floor (fixed for finishing 200 hogs), 2 trench silos (cemented), excellent spring water, pond & productive soil. Only 40 minutes from Raystown Dam, the farm has good frontage & very low taxes. Equipment available & it adjoins state game lands. Priced at \$128,000. Owner financing with only 20 percent down.

Blair County - 200 acre farm and nursery. Features 9 room stone Colonial house, 50' x 80' barn and new 26' x 91' combination greenhouse and shop. Approximately 50,000 pieces of nursery stock plus large amount of equipment. 94 acres tillable land, 76 acres pasture, 30 acres woodland. Approximately 1/2 mile road frontage plus 1/4 mile river frontage having a variable interesting topography with several limestone caves. Great potential in scenic, historic Central Penna. with mineral rights intact. Priced at \$330,000 complete.

PLANNING TO SELL YOUR FARM?

Our Farm & Land Department would be happy to talk to you without obligation, to explain our detailed farm sales program. We have had excellent farm sales this spring, and have prospects now looking for farms for the spring of 1978. Our Farm & Land Department specializes only in farm & rural land sales to provide the best professional service for the buyer & seller. We would welcome the opportunity to chat with you at your convenience.

CENTRAL PA. LAND, CABINS

Ideal for Weekend Relaxation
Many properties have terms available

Centre County

58 Acres, 12 miles west of State College, wooded, light timber, small spring, excellent hunting - \$25,900.

7.64 acres located in Brush Valley off Route 192 near Rebsburg. 1/2 acre spring-fed pond, stocked, partially wooded building site. Beautiful view - \$11,800.

210 acres prime hunting ground on Nittany Mountain joining state-owned land. 2 springs, nice laying topography own financing. \$79,500.

19.3 Acres all tillable, along Rt. 45, excellent location \$29,500

1 Acre - top of Centre Hall Mountain, Cabin \$10,000.

3.38 Acres - wooded lot in Corl Acres subdivision in Ferguson Twp., approximately 4 miles from State College \$20,000

189 Acres - wooded, adjoining State ground - privacy could be split \$72,765.

68 Acres - wooded, good hunting area - price reduced! \$29,500

218 9 Acres - wooded ground, stream, good hunting

Priced at \$350 an acre

39 Acres - wooded - frontage on Penn's Creek \$17,000

100 Acres - pond, orchard and woodland - excellent hunting & fishing \$75,000

35 Acres - two acres clear - balance wooded - some nursery stock \$21,000

50 acres at \$450 an acre, (with year round spring) light timber, good bird hunting, electricity available, suitable for building cabin

100 acres wooded 2 springs, excellent weekend home excellent hunting

Mifflin County 15 98 Wooded acres with excellent A frame home, good hunting area, ideal for weekend retreat, \$48,500

Huntingdon County Located near Huntingdon and the Raystown Dam, 150 acres of woodland, good access many streams nice view, good hunting \$65,000.

**KISSINGER
LEONARD
& ASSOCIATES**
Realtors

FARM & LAND DEPARTMENT

Evenings Call.

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Fred Strouse
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PH: (814) 364 1708
PH: (814) 466 7372

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Real Estate

Real Estate

SOUTH CENTRAL PENNSYLVANIA FARMS CUMBERLAND COUNTY

DAIRY (Newville)
171 acre productive limestone, 26 tie stalls, 2 silos (750 tons cap.), 140' x 50' housing area, 45x74 bay shop, 100' x 100' imp. shed and other out buildings. Solid frame house, oil forced hot air furnace and 1 bath.

DAIRY (Carlisle)
103 acre limestone, 38 stanchions, stable cleaner, 2 silos, 400 gal. tank, beautiful modern 7 room brick house, open stairway, secluded.

BEEF (Carlisle)
60 acre limestone, 14x60 silo, bunk feeder, good solid modern frame 7 room house.

ACREAGE (Newville)
32 acres, sk. wooded, gentle slope ideal to develop as farmette.

ACREAGE IN MOUNTAIN (Newville)
30 acres, 7 wooded, general slope toward South, excellent site for solar residence.

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Home Phone 717-243-7575

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206 ACRE FARM IN SUSQUEHANNA COUNTY W/OWNER FINANCING



Beautiful view over-looking Elk Mt. ski slope, 6 bedroom house with bath and heat.

BAUGHMAN-LEADER, INC.,

York, Pa.

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Real Estate

Real Estate

MONTOUR COUNTY
Jerseytown - 150A general, real nice home. \$135,000

NORTHUMBERLAND COUNTY
56 Acre General \$60,000. Northumberland Co.
67 A. General, 50 A. tilled. \$85,000 (Millersburg North)

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Mohawk Valley, NY.

237 acres, 2 ponds, drilled well, 42 milkers, 545 gal. bulk tank & barn cleaner. Full line of Equip., swimming pool, 6 bedroom house, garage & equip. bldg. \$190,000.

189 acres, 60 cow barn, immaculate condition, 2 silos beautiful 5 bedroom house, equip. bldgs., garages. A really beautiful farm. Asking \$150,000.

230 acres, 50 stanchions on pipe line, 25 additional stanchions for young or dry stock. 750 gal. bulk tank, sold with all farm equip. including 2 tractors. A good solid 4 bedroom house. Price \$135,000 or bare \$110,000.

250 acres, 98 milk cows, will sell stocked & equipped, 1000 gal. bulk tank, 100 ft. poll barn for equip., 4 bedroom remodeled house. An excellent farm. Asking \$210,000.

290 acre beef farm, 3 silos, 240 acres tillable, fully automated \$140,000.

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36 ACRE LANCASTER COUNTY FARM

Located 2 miles east of Mastersonville on Cider Press Road.

- ✓ 5 bedroom stone house
- ✓ large bank barn
- ✓ huge tobacco & implement shed
- ✓ stream on property
- ✓ building possession - July 1
- ✓ land possession - October
- ✓ Price: \$115,000
- ✓ ask for Walt Heisey

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For Sale - 4 row cultivator for MH33. 48 GMC farm truck (good shape original paint), parts for 49 to 54 and 63 Chevys Ph 717-943 2888

For Sale Grass pickup head to fit IHC 50, 550 or Case 300 717 665 5105

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90 Acres, nearly all tillable, limestone, plenty of frontage, beautiful buildings, modern brick home, 40 stalls, 600 gallon tank. Be sure to call on this one located in Cumberland County. \$320,000.

MENNONITE NEIGHBORS, fertile 39 tillable acres, 20 acres woods (pines) w-frontage in a little peaceful valley, 13 acres meadow which offers a good spot for a pond, farm buildings. Oh yes, a landing strip included, Snyder Co. \$82,900.

120 ACRE going dairy operation w-pipeline. Plenty of frontage near rtes 22 & 181. Offers many possibilities. Dauphin Co. \$200,000.

COLUMBIA CO. 65 acres poultry farm. Presently 20,000 broilers or 14,000 pullets. Fine buildings. \$125,000.

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NORTHERN LEBANON COUNTY

10 Acre Farm with stream, suitable for horses. Large home with two apartments. Approximately 8 miles East of Penn National Race Track.

180 ACRE FARM

Has 2 sets of buildings, 2 barns, an excellent beef and hog operation, with 2 Harvestores and bunk feeder. One old log home, newly renovated and very tastefully done. Second home has 2 large apartments. Land includes stream and is partially wooded.

100 COW DAIRY OPERATION

Pipeline milking system, free stalls, 5 Harvestores, 2 barns, 2 homes, 236 acres of very productive soil, excellent for corn, alfalfa, soybean. Woodland and pasture. Total acreage 330. Northern Dauphin County.



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MONTGOMERY COUNTY

50 acre stone with stucco house bank barn, 2 car garage, large pond with picnic facilities, lots of road frontage. \$210,000. #147

75 acres. \$3,500.00 per acre large amount of road frontage #139

20 acres Industrial ground for sale \$6,000 per acre. 6th Street in Red Hill #138

NEW!!!

40 Acre 8 room house and barn ready for renovation. Located along Rte #63 Tremendous possibilities - \$125,000. #111

FULTON CO.

181 Acres, 123 T large three story four bedroom frame house, modern kitchen and 1-1/2 baths, large bank barn, 15 stalls attached shed and other out buildings \$165,000. #137

BERKS COUNTY

3 bedroom all brick cape cod, 2 1/2 baths, Florida room, 2 car garage, inground pool, beautifully landscaped, on 1 8 acres. \$64,500. #152

Diner with 2 bay garage on approx 10 acres, with a picnic grove, fantastic opportunity \$175,000. #136

3 bay service station with attached house, 4 bedrooms, living room, kitchen, 2 baths, state inspection approved \$85,000. #140

95 Acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest-house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society \$375,000. #117

30 Acres Zoned Commercial Ground squth of Bally on Route 100 \$2,000.00 per acre. #130

NEW!

161 acre dairy farm 43 stalls pipeline milker, bulk tank and fixed equipment, 2 concrete silos with unloaders, reconditioned farmhouse with eight rooms, 3 bay shed/garage and full line of machinery and cattle A ready to go operation all for only \$335,000. #114

A gentleman's farm 64 acre steer farm zoned industrial, set up for over 1000 head. 5 steer barns lot fences, feed center, 5-bay garage, exceptional new farmhouse with 8 rooms, 3 baths, fireplace, swimming pool, etc \$500,000.00. #124

208 Acre dairy farm. Large 9 room stone house with fireplace, & attached frame addition, beautiful setting Large barn with slate roof, 62 stanchions, 20x60 & 12x50 silos, pipeline milker, bulk tank & outbuildings. 1 1/2 mile of macadam road frontage running through farm intersecting long fields making hauling easy. 160 acres tillable Must be seen to be appreciated \$416,000 #101

BUCKS CO.

All stone cerc 1776 completely renovated, situated on 10 acres, large barn & other out buildings \$125,000. #153

BRADFORD COUNTY

NEW!

230 Acres, 185 T, dairy farm, land lays very nice, 74 stall barn, two car garage, large machinery shed, (1) 22 x 60 and (1) 14 x 50 silos, bulk tank, milk conveyor and other out buildings, 2 beautiful houses, both large and modern All for \$180,000. #142

155 Acre dairy farm 64 stanchions, 2 silos bulk tank & barn cleaner Modern frame house Machinery & cattle available \$138,000. #148

230 acre dairy farm, 155 tillable, good alfalfa ground, two houses and one mobile home w/additions Main house is modern, Nice kitchen, fireplace, 7 rooms and 2 baths Large barn, 120 stalls, 6 unit milking parlor, 2 bulk tanks, 600 and 700 4 silos includes two Harvestores New machine shed and shop All for \$240,000. Cattle and machinery, optional 200 head Also 130 acres available for rent #135

78 acres, new dairy barn 41 stalls, heifer barn, machinery shed, 3 silos, beautiful 2 st house w/9 rooms and 1 1/2 baths, completely modern kitchen, farm pond, and creek 70 reg. Holsteins, full line of machinery, produce and supplies plus 100 acres optional for lease Everything for \$145,000 #112

A frame two story 8 rooms and bath on 1 acre \$22,900.00 #126

220 acre dairy farm, 175 T, new dairy barn w/86 tie stalls, barn cleaner, pipeline, bulk tank, (2) 16' x 50' con silos, (1) 12 x 55' silo, large 2 story 9 room house grainery, corn crib and outbdgs All for \$165,000. #107

Adjoining acreage 6 7 acres w/8 room brick house and small barn \$30,000.

49 3 acres w/6 acre pond, \$27,900.

56 7 acres of woodland \$24,900. #133

33 37 acres of woodland, \$7,500.

All total adjoining acreage \$90,300.

248 acre dairy farm 160 T new dairy barn 72 free stalls, 8 stall herringbone parlor, 800 gal tank 80 cow bunk feeder, 20 x 60 conc silo w/unloader, liquid manure heifer barn and dry cow barn, also storage barn, 2 story frame house 7 rooms and bath w/upstairs apartment All for \$200,000. Also cattle and machinery available and mobile house available (12 x 65) #115

215 acres dairy farm, 100 T new 82 stall dairy barn, bulk tank, barn cleaner and heifer barn 22 x 65 silo w/unloader, 10 room frame house w/bath - \$160,000. #116

163 acre dairy farm 100 T 57 free stalls, milking parlor 4 cows side", 2 story 7 room house w/attached garage, \$89,000 #120

128 Acre dairy farm 96 tillable, bulk tank, barn cleaner 50 stall barn and silo, 43 milk cows 12 heifers, full line of machinery 6 room house and bath, \$150,000. #127

310 acres hunting ground, 70 acres open farm ground, \$320,000 acre #301

110 acre dairy farm, 50 stanchion barn, 2 story shed silo machinery included, Colonial type house, 9 rooms, 1 1/2 baths \$98,000. #125

13 room house, stucco & frame, out buildings, On approx 1 acre Asking \$39,500. #155

TIOGA CO.

New 260 acre, 150 tillable Dairy Farm, 48 Stall barn 2 Concrete silos, and a brand new 6 room house with 2 baths \$185,000 #143

780 acre dairy farm in a picturesque setting Free stall barn w/40 stalls in old barn 2 harvestores and one conc. silo on main house w/double 5 milking parlor and bulk tank 3 houses Main house absolutely beautifully remodelled Excellent second house plus good 3rd house, heifer barn and many extras Farm lies thru entire valley Must be seen to be appreciated ITS BEAUTIFUL! \$375,000. Cattle and machinery available under separate contract #143

CENTRE CO.

70 acres, 60 t of excellent Hagerstown limestone ground Hog barn 400 hogs-90x40 w/heated floors and gas furnace (2) 70 galvanized feed bins w/automatic feeding and watering system Liquid manure pit Also 2 st bank barn-66x45 w/1/2 bottom silo for hogs and 1/2 for storage (conc) 60x22 conc block building two car garage Well and hook-up for trailer All for \$97,500 #143

SOMERSET COUNTY

260 acre dairy farm, 240 tillable, new freestall barn, 113 stalls second 2-S dairy barn, 65 stalls and heifer barn, new U.S. milking parlor with automatic shut off units 2) 20 x 80 and (1) x 60 Harvestores, (1) 20 x 60 con stave and (1) 24 x 40 Herd silo with automatic feeding systems Beautiful red brick house bedrooms and bath, full basement with 1,000 sq ft green attached Second farmhouse 4 bedrooms, 2 baths - \$365,000 cattle and machinery available. #103

YORK COUNTY

365 acres 150 comfort stalls in two rows all tie barn 310 ft w/pipeline, barn cleaner, bulk tank and office space Old barn hay storage and loafing space for heifers and dry cows Harvestores, trench silo and corn crib Two modern recently houses, 1 brick and 1 stone - real showplace - with four trailers hired help Second one with very large barn, remodeled house outbuildings Must be seen to be appreciated outstanding! All \$700,000. #104

8 acres 8 room frame house, oil hot water heat, double corn beautiful setting back off road with farm pond \$58,000. #144

LEHIGH COUNTY

102 acre steer farm, barn feed lot and silo Large stone house entrance, ready to be renovated Raised price \$175,000 #145

WESTMORELAND COUNTY

142 acre ready-to-go fully equipped jug milk store with complete store operation Paper and jug milk processing 110 cows full modern machinery, 3 houses, sheds and barn, Harvestore Silo store on 7 acres next to development in town 135 acre dairy with sewer line to edge of property located with 6 1/2 miles of new plant to start production within a year What a wonderful opportunity for good operator with sound business sense All for only \$650,000 #146

COLUMBIA CO.

147 acre Grain Farm, 130 tillable, very nice large field gently rolling Large frame 7 room house, modern kitchen, new oil H O W system, barn & outbuildings \$150,000. #106

CLINTON COUNTY

180 Acres, Frame barn, 37 comfort tie stalls, bunk feeders 7000 corn crib Lays in the beautiful Nittany Valley. All level Hagerstown soil No house available. \$375,000 #105

POTTER COUNTY

89 Acre New 84 Free Stall barn new milking parlor silo 10 frame house, 2 car garage, grain bin & outbuildings \$85,000 #109

40 Acres of mountain land, 10 acres open Remainder wooded borders on hard road one side \$20,000 #109

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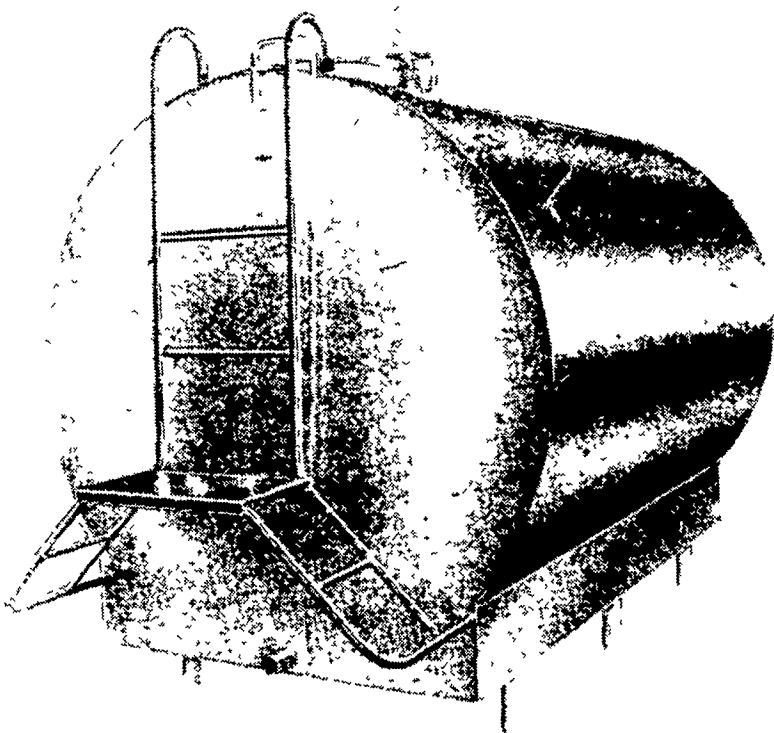
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Hereford, PA 18056
Ph: 215-679-5919

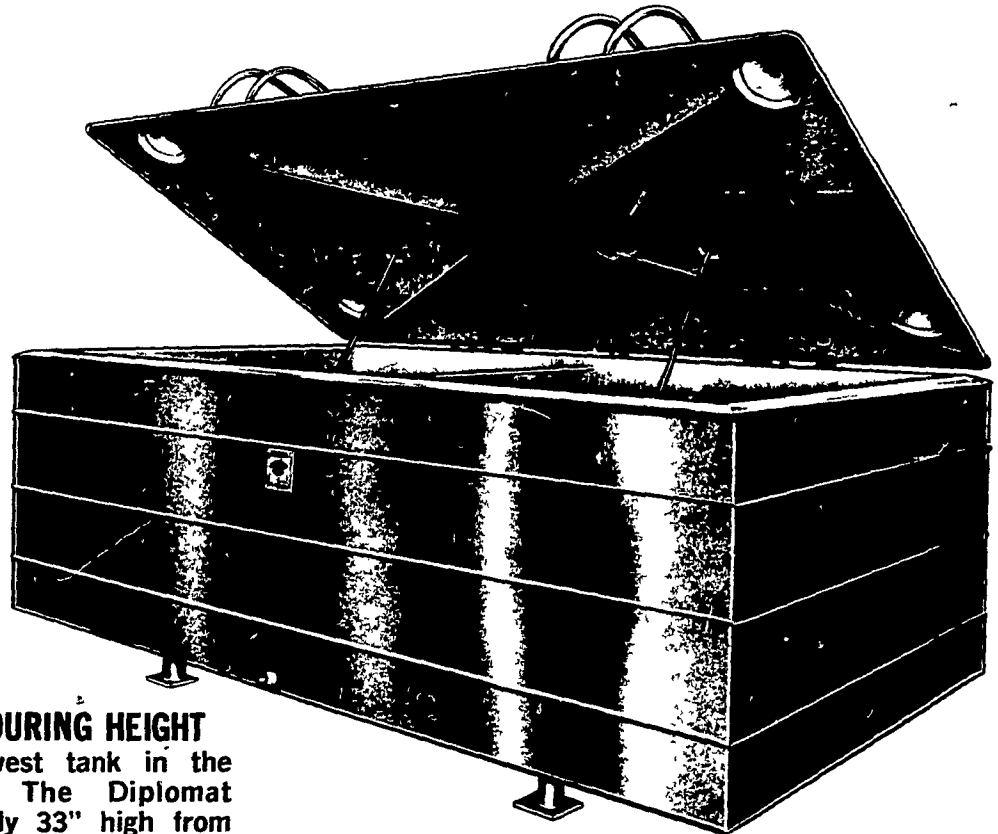
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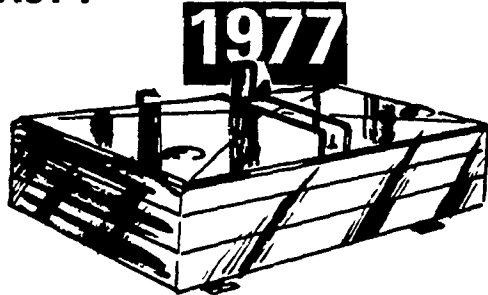
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'75 Kawasaki 250cc Motocross, top condition, \$600; '73 Kawasaki 175cc, street & trail bike, new insp., 4000 mi. \$300, Bearcat III police & fire scanner, 1 yr. old, 7 crystals & car mount incl. \$100. Ph 717-626-0530

For Sale - 80cc Suzuki cycle \$145 Ph 717-285-5650.

For Sale - Hay pickup head for JD 34 harvester. Also 15.5 x 38 tires, 40% tread Ph: 215-589-2397.

For Sale - Round hay racks suitable for grain or silage \$155 Feeds up to 17 head. Delivered within 30 miles. For delivery please call Martin Groff, 717-656-9266 Amos S. Stoltzfus, Box 515 RD1, Bird-in-Hand, Pa.

For Sale - 9 year old sorrel standardbred carriage horse, man's horse. Melvin L. Petersheim, Quarryville RD #3, Furnace Road

For Sale - Used 1 H.P. Emerson air conditioner \$50.00, one 30" electric range \$35.00 Ph 215-267-2132

Pick your own haul peas ready now, 1 mile west of East Petersburg at corner of State and Colebrook Roads. For more information call John Hottenstein, 717-898-7021

For Sale - New Holland 1469 SP Haybine, cab, excellent condition, additional knife; Quick tach hitch for JD 4520 or larger Ph. 717-548-3402.

For Sale - Springing Holstein Heifers, good size, 60 to 90 lbs Dams Health charts Ph 717-529-2826

For Sale - Int #11 4 bar hay rake, 2 pt. attach for Int tractor in A-1 condition Can be made for 3 pt Int Super C 2 pt cultivator Ph 215-445-6427

For Sale - Purebred Holstein bull, dam very good, excellent mammary, maternal sister, dam very good, excellent mammary Ph. collect 814-349-5846

Wanted - Silver King tractor, running or not. Ph 717-393-4187.

For Sale - Hercules galleons 8 ton truck hoist for 14" body \$200. Ph 215 869-9243

For Sale - 2 and 4 row John Deere front mounted and 3 pt. 2 row Ferguson cultivators, good condition Ph 717-597 7295

For Sale - Surge Dump Station, complete \$150.00 Ph: 717-733-9295.

For Sale - Tobacco plants; JD. 50 side mounted mower, Oliver 252 12 ft disc harrow Ph 717-733-4516.

For Sale - Yorkshire boars, open gilts, out of a herd free of Mycoplasma pneumonia and rhinitis Contact Joel Stern, Route 2, East Berlin, Pa 17316 Ph 717-292-4634.

For Sale - Hesston Frontrunner model 140 mower 48", 14 HP, starter, lights, hyd lift, hydrostatic transmission, very good \$1500.00 Ph 717-486-7789

For Sale - Deutz 5505, 60 hp, good tires Also Oliver Cushion trip plow 3/14 Ph 717 656-6801

For Sale - JD 60, just overhauled good rubber JD cyclone B, as is Ph 717-687-6226 ask for Jay Clair, or Charles

For Sale - Two wagons with flat beds 1 tractor tire 9 x 32, 12A manure spreader, tobacco hoers Ph 717 442 4510

For Sale - M H combine 10 head 24 bale elevator 4 new 11 x 15 8 ply wagon tires \$35 each Wanted 5 or 6 bottom prefer 20 Ph 717-865 6710

For Sale - 9 ft Pittsburgh harrow 3 pt and MF 2 wheel dump cart for garden tractor Ph 717-993 6855 evenings

One 4 can open front cooler like new \$100 one 6 can open front cooler in good condition \$75 Ph 215-286-9478

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Purebred Yorkshire boars bred gilts and open gilts, carcass championship bloodlines Willow Glen Farm R2, Strasburg Pa Ph 717-786-2562

For Sale - Registered Shropshire Sheep Rams, lambs, and ewes Large flock from which to choose Warn Menhennett Cochranville Ph 215 593 5726

Wanted to Lease - Small farm with home and barn or out buildings. Pasture suitable for dairy goats Must be within 20 mile radius of Pottstown Ph 215 935-2587

For Sale - Baby Chinchillas with cages Grey \$40, Beige \$50 Ph. 717-284 2127

For Lease - Productive 334 acre dairy farm Suitable for 60 cows Harvestore - other silos Excellent barns Ph 609 849-5545 evenings weekends

For Sale - 4 x 8 steel water tank, 4' deep, 52 gallon electric hot water heater Ph 215-354 9619

For Sale - Ford 8 hp garden tractor electric start hydro trans, mower snow blade chains, \$650, 6 plate wood/coal stove, \$250, lawn sweeper, \$75, 72 Ford, \$800 Ph 717 442 4279

For Sale - Charolais feeder steers and heifers ready to go on pasture Ph 717-345-4489

For Sale - 5 reg springers 2 years old (Holsteins), two by Ivanhoe Jack and one by Rocket, 2 granddaughters of Astronaut Ph 215-486 0460 evenings

For Sale - International 303 combine with corn and grain heads good condition Make offer Ph 679 6543

For Sale - New Holland 479 haybine Ph 215-683 7943

For Sale - 14 x 60 Fickes silo complete with unloader and pipe Ph Carlisle 717 258 6414

For Sale - 16 feeder pigs from good stock 6 weeks old, Yorkshire mixed \$35 each Ph 215 346 7092

Wanted - Implement tire 11 25 x 24 8 ply would buy one or two casings or complete with wheels at reasonable price Allen Weaver RD2 East Earl Pa

Notice Poultry farmers if you need room for manure dump on my place anytime Ph 215-445-6067

Mail Box Market

Attention Gun Club - Have 360 acres to rent for hunting near town of Hopkinton, St. Lawrence County, New York Contact R Borland, Colora, Maryland 21917 or call 301-658-6975 (nites)

For Sale - Model 266 2 row John Beane potato harvester in excellent condition Ph 215-837-0847

For Sale - 5' sickle bar mower, 2 point hitch, off a 230 Int Best reasonable offer Daniel L. Hoover, RD5, Box 253, Dillsburg, Pa. 17019 Ph 717-432-4077

For Sale - 4 milking goats, \$60, \$75 each Purebred Nubian bucks with papers or year old nannies \$50 Kempton, Pa 215-756-6285

For Sale - Potato plow, \$70, good condition 2 row Ford cultivator, 3 pt \$160. Ph 215-445-4971

For Sale - 8 year old standard bred carriage mare sound and needs work, \$625 Levi S Fisher, 83 North Ronks Road Ronks Pa 17572 1/2 mile north of Route 30

For Sale - 16 6 week old pigs, Yorkshire Landrace cross, White German Shepherd female, one year old Ph 717-865-5968

For Sale - New Holland 77 baler with motor in good condition asking \$150 Ph 717 456-5384

For Sale - Doberman Pinscher pups, \$75 cash only Aaron Flauid, 3 miles north of Gap along 897 at the greenhouses

For Sale - 1970 GMC Astro 95, 318 Detroit engine, under warranty never driven since overhaul new paint and clutch Ph 717-687 6406

For Sale - Tobacco plants Pennbel and Penlan Amos F Beiler, R1, Box 563A Paradise, Pa 17562

For Sale - JD 40 self-propelled combine, 10 ft grain platform, 2 row corn head, top shape Ph 301-452-5337

For Sale - 1 hp master-bilt egg room cooler, needs compressor, \$100 or best offer Allen A Weikert RD2 Gettysburg, Pa Ph 717-334-2867

For Sale - 150 Ghostly Pearl leghorn chickens, 14 months old laying 70%, 50 cents a piece. Would sell in smaller lots Amos F Lapp, RD1 Leola, Pa North Maple Avenue

Wanted - New Perfection 5 burner oil cookstove, must be in good condition with oven Manilus A Miller, RD2, Box 396, Dover Del 19901

For Sale - Approx 300 bu of oats, Howard R Shive Ph 215-847-5184

For Sale - Purebred male AKC Siberian Husky, with papers and light colored eyes Ph 215 683-6628.

Wanted - 3 used Surge low profile breaker cup machines, new type, complete, in good condition, Komarnisky Bros 1034 Central St. E Bridgewater, Mass 02333

For Sale - Penndel tobacco plants, roll guard for Case 1537 uni loader Ph 717 354-5691

Wanted - Oliver 66 cultivator with mech list For Sale Cultivator for Super 66, binder twine \$15 bale Ph 717-656 6989

Wanted - 3 pt hitch adapter for ACWD tractor Ph 215-536-9672

For Sale - 16 ft bale thrower wagon w/6 ton running gear, \$700, Stouffer tobacco planter \$85 Ph 717-949 3512

For Sale - AKC female St Bernard 2 years old, \$20 Woods gas brooder stove, \$10, Big Dutchman trough and chan for poultry feeder Ph 215 445-6315

For Sale - Hay conditioner, JD #5 mower, horse mower 1 hp Ivan Leid RD1, Kutztown Pa 215-682 7926

For Sale - 1972 Delta 88 Rozale A/C, PS, PB, AM/FM, radial tires good sound car, \$1650 Ph 717-397 1658, after 5 PM

Mail Box Market

For Sale - Bantams, many colors Ph 215-445-5704.

For Sale - 15 gilts, Duroc-York-Hamp Ph 215-683-8515.

For Sale - 12 KW Kato portable generator w/shaft, excellent condition - Wanted - Wide front end for JD 2516 or will trade with narrow front end Ph 215-445-4863

Wanted - Grill, hood, fenders and belt pulley for IH W-9 tractor Ph 717-637-6353 after 5 PM

For Sale - 65-1/2 ton Chevy truck, 3 speed, V-8, excellent mechanical condition but needs paint job Ph 717-252-1984 evenings

For Sale - JD 3 bottom rope trip plow 14" high speed steel bottoms, \$150 Ph 717-292-4584 after 7 PM

For Sale - SP22 Surge vacuum pump, \$120 Ph 264 6007

For Sale - 375 lb purebred Yorkshire boar, \$200 Eli Shirk Jr RD4, Ephrata, Pa Ph 717-354-7294

For Sale - Farmall super M with WFE, live pump and power steering, excellent condition Asking \$1600 or best offer Ph 717-933-8713

For Sale - Gravely garden tractor with sulky, electric start, good condition \$425 Ph: 215-942-3535

Keeshond pups for sale, ready by June 10 Samuel F Lapp 880 Creek Road, Leola, Pa between Oregon and Millport

For Sale - Black Angus bulls bred cows and calves, bred heifers Marshall Pride Breeding Yellowhouse 215-689-9168

Boy 15-1/2 desires summer farm position in exchange for small salary, room and board references, available June 17 Ph 215-565-2179 evenings

Pasture for rent near Manheim stream and fenced Ph 717 665-3865

Wanted - One-wheel Master cultivator Ph 717-622-0932

For Sale - Good alfalfa, pick up or will deliver within 50 miles Ph 717 367-4968

For Sale - 3 year old standardbred driving horse 2 horse McCormick cultivator, \$45 Ph 717 656 9548

For Sale - 2 steer self feeders approximately one ton capacity fill with auger or door, \$175 1 Registered Corriedale ram, \$75 Ph 717-867-1305

For Sale - 4 row front mounted Case cultivator to fit 730-830, \$200. Ph 215-588 0206

For Sale - 15 crossbred gilts, 1/4 Yorkshire, farrowed December '76 Price Lancaster top + \$15 Ph 717 528-4222 evenings

For Sale - New hay stack movers 3 pt. with five teeth Farmer Boy utility trailers, 3,000 lb. cap tilt back with winch Ph 717-272-5089

For Sale - Massey-Ferguson two row front mounted cultivators fits most MF tractors, excellent condition, high or low clearance Ph 717 528-4914

Wanted - Manure loader to fit 9N Ford Ph 215 267-7979 evenings or Saturdays

For Sale - Grove 16 ft wagon bed with steel rub rails, wooden grain sides Ph 717-925 6607 after. 9 PM

Wanted - One or two steel front wheels for Model C Case tractor Dave Reed Box 5121, Wilmington Delaware 19808 Ph 302-994-0843

For Sale - JD 216 plow good mole boards \$350, 22 ft Smoker elevator, \$200 or best offer Ph 717 354-8207

For Sale - Int 203 combine for parts, 10 ft header with hume reel Engine used very little oil Ph 717-425-3873

Mail Box Market

For Sale - Rope halters for cattle made to order, all spliced. Call Abe Wickenheiser 717-898-7020.

Wanted - Single cylinder water-cooled New Holland gas engine, any condition, state price and condition. R Eisensmith, RD1, Mt Wolf, Pa 17347.

M F 300 combine, cab, air, 11 ft. 2 row corn head, IH 403 cab, 13 ft both ready to work, reasonable offer Ph: 717-229-2050

For Sale - Tobacco rails 30 16' long, 30 18' long; 10 20' long Also automatic poultry feeders -Ph: 717-665-5984.

Mail Box Market

For Sale - Farmall Super M loader, best offer, good condition Ph 717-938-2784

For Sale - 100 peach or baskets, practically new used or twice, 40 cents each Ph 215 369-1695.

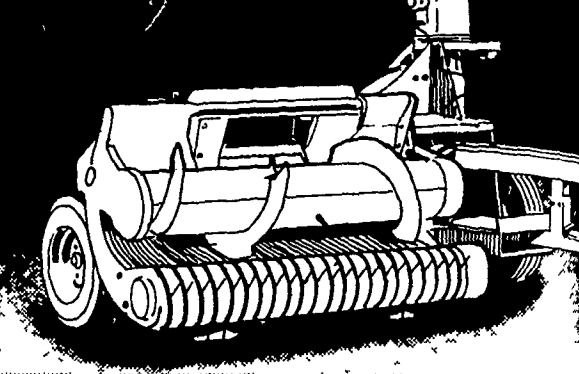
For Sale - Hay and corn wag Case, very good rubber 7 x 12 box, terrific condition 5 ton \$2 Ph 717-799-5495

Goats for sale - 3 milking does reg 1/2 Nubian milking doe 1 kid, 5 buck kids Ph 215 257 57



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Demo.....\$10,400

574 DRC - 674 DRC
886D - 986D
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1 - 715 Diesel Hydro
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Loader, new
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Used 1 year

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915 D International Combine
Case 1370 w-cab and air, 315
hours
1975 MF 165 diesel, 8 speed
trans., 814 hours
Farmall 756 D
Far. 460
Far. M diesel
Far. 450 diesel
[2] Far. M
Far. 350
Far. H
IH TD9, 91 series crawler, w-
Drott loader, engine, and
power train overhauled

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(disk 30 acres)
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bottoms
IH 540, 4-16" plow
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Brillion Cultimulcher
JD 17x7 grain drill
JD 13x7 grain drill
IH 13x7 grain drill
IH 400 air planter, 4 row
JD 494A, 4-row planter

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Mail Box Market

12 ft. Miller heavy duty disc, 24" blades, excellent condition. Ph: 301-778-2372.

Cultivator for Farmall C, 10 ft. cultipacker, Sauder. Ph: 717-838-4776.

2 or 3 inch irrigation pipe. 15-445 5526.

1971 Honda 70 cc trail good condition. Ph: 717-656-

Top for Majestic coal cook 21 x 35 inches or someone can straighten our stove's top. Ph: 717-933-4318.

16 pigs, 7 weeks old, Duroc crossed, good size, \$40 each, or take all 1750 each. Ph: 717-244-9524.

Jamesway 4000 ft. litter track Horsts, switches & 550 Beechdale Rd. RD1, in Hand, Pa., Samuel K. Ph: 717-244-9524.

New Idea hay crusher \$65, under twine \$15 a bale. Daniel, RD #1, Leola, Pa.

your own strawberries, bring yours. Ph: 717-665-6082.

14-1/2 ft. Massey son rotary hoe; Massey son 3 pt disc; 3500C Honda, miles, electric grass seeder; all condition. Ph: 215-256-8858.

2 bedroom mobile home, good condition. Ph: 215-593-

A bale of cured tobacco for making. Robert D. Probst, RD Box F 307, Lock Haven, Pa. Ph: 717-769-6958.

Appaloosa mare with red colt at side. Born May 27, Mare rides English & Western, disposition, best offer. Also, Alpine Stud Service, California, mother milked 16 lbs. on last test. Good show information. Stock for sale. Ph: 458-4175.

Mail Box Market

Wanted to buy - New or used twine needles for JD 14T baler and small grain elevator. Ph: 717-665-7324.

For Sale - NI 4 bar rake on steel with seat, \$150. Ph: 717-266-2582.

For Sale - 1970 1/4 ton pickup, 53,000 miles, auto, PS, radio, 6 wheels, \$1400. Service age Jet Stream built, \$315. Ph: 717-665-4239.

For Sale - 9 year old saddlebred buggy horse, broke to ride and drive, plenty of snap. Ph: 717-656-6712.

For Sale - Used top buggy with hydraulic brake. Ph: 717-354-8001.

For Sale - Pennbel tobacco plants, ready now. Daniel K. King, Jr., 399 Millcreek Road, RD1, Bird-in-Hand, Pa.

For Sale - 1966 Reo 10 wheeler farm truck, 20' dump, motor less than 1,000 miles, \$5,000. Ph: 215-267-5012.

For Sale - Smoker 10 ton feed bin. Ph: 215-267-5624.

Sears 17 cu. ft. refrigerator freezer, \$75; Hotpoint electric stove, \$100; pot belly stove, \$60; Kalamazoo cook stove, \$25. Ph: 717-284-2669.

For Sale - Pennbel tobacco plants. Ph: 717-859-1523.

For Sale - Dark sorrel walking horse, gentle. Ph: 215-445-4272.

For Sale - 303 road grader w/cab. Ph: 717-656-8648.

For Sale - NH76 hayline w/4 cyl. Wisconsin engine w/starter; Parks 12" planter Aaron L. Fisher, Canary Hill Road, RD1, Paradise, Pa.

For Sale - NH #56 rake. Ph: 215-445-6816.

Model 50 JD tractor, PS, 3 pt. hitch, rollomatic and a pair of cultivators. \$1300. Ph: 717-242-0776.

For Sale - Chihuahua and Chihuahua terrier pups, \$30. Ph: 717-687-8314.

For Sale - 4 billy goats, 5 weeks old, Benjamin S. Lantz, 1 mile northwest of Strasburg on Strasburg Pike.

Mail Box Market

For Sale - HD Oliver loader Model 1710, like new. Glen B. Simonton, RD1, Port Royal. Ph: 717-527-4772.

For Sale - used 50 gal. electric hot water heater, used water conditioner, good condition, best offer. Ph: 215-267-5942.

For Sale - IH50 chopper two row corn head pickup head (new) 1000 RPM, \$1000. Ph: 717-924-3963.

Registered Hampshire and Yorkshire boars and gilts; Southdown lambs - the ideal pet and lawn mower. Preston Bankert, RD3, Red Lion, Pa. 717-244-1244.

Wanted - 3 pt. 2 bottom 12" or 14" flip over plow. For Sale - feeder pigs and ear corn. Ph: 717-284-2424.

For Sale - 8 ft water trough, Wizard plow, old grindstone, hand drill press, old tools. Ph: 215-286-5848 morning and weekends.

For Sale - JD 6 hp Model 56 21" riding mower, \$385. Phone 215-374-6087.

For Sale - 10 tons good timothy hay, \$50 a ton at the barn. Ph: 717-992-6091.

For Sale - '75 Kawasaki F9350 cc. street and trail, rear knobby, good condition. Ph: 717-566-6100.

For Sale - Outstanding young Guernsey bull. Ready for service. Used JD hay rake and hay conditioner. Ph: 717-252-1925.

Wanted - pasture for a few heifers. Also, haybine. Ph: 215-445-6833.

For Sale - 65 new and used 4-1/2 electric fence posts w/double conductors, gate handle, electric controller Agway 2-4D, \$75; Sears 1/4 hp water pump, type SW12DK36, 115 volt. Ph: 717-684-5806.

For rent - three bedroom house, eight stall horse barn with pasture, \$250 per month plus utilities, Ephrata area. Ph: 717-354-5574.

For Sale - 1-1/2 hp. compressor for milk cooler; also pump jack in good condition Bennie Stoltzfus, RD2, Nottingham, Pa. 19362.

Custom pea shelling, you pick-em, we shell - 'em. Floyd Ranck 717-442-4949 or 717-442-4171.

For Sale - 2 wooden grain bins, one solid oak 3' x 3' x 8' 5" L, \$85; one 2' 6" x 3' x 6' 5" L, \$55. Both in good condition 215-469-9029.

For Free - three 12 week old female mixed pups, mother is a very good bird dog. Ph: 215-267-3460.

For Sale - Southern tobacco plants Benjamin E. King, near Green Tree along Lamparter Road.

Wanted - kerosene refrigerator, please state price and condition; oblong shaped glass jug for a kerosene stove. Abram K. Lapp, RD2, Quarryville, Box 141, Pa.

Wanted - 6 row 36" cultivator. Contact Clarence Boyd, Box 21, Breiningsville, Pa 18031 215-395-1042.

Found - buggy blanket along Lynwood Road. Apply to Andrew L. Beiler, 231B Lynwood Road, Ronks, Pa.

For Sale - Amish buggy in excellent condition. David L. Beiler, RD3, New Holland, Pa.

For Sale - alfalfa timothy and straw. Ph: 717-838-6788.

You are invited to a Reist reunion, who came over from Switzerland in 1724. Lititz Spring Park, large pavilion, Sat. July 9, 1977, 2 PM to 9 PM. Ph: 717-665-4861.

Wanted - Good used dumping station. Ph: 717-354-8394.

For Sale - Grass pickup head to fit IHC 50, 550 or Case 300. Ph: 717-665-5105.

For Sale - N.H. 77 baler with motor, excellent \$500; A.C. 7 1 row corn picker \$200. 301-836-1469 (evenings).

Mail Box Market

For Sale - 50 ft. Patz manure stacker, model 5-234-474, with attachments, like new: \$1450. Ph: 717-488-6421.

For Sale - JD No 5 hay mower; 1961 Ford F-100 pickup, short bed. Ph: 717-529-2135.

For Sale - Purebred Yorkshire sow, due middle of June, Ph: 215-445-5797, call after 5 P.M.

Fresh home-grown strawberries - come pick your own or ready picked Blevins Fruit Farm, Stewartstown, PA. Ph: 717-993-2885.

For Sale - 500 chick kerosene brooder, \$25, Papec 15" ensilage cutter w/pipe, \$70. Moses K Renno, RD 2 Box 305, Mifflintown, PA 17059.

For Sale - Myers 6" Stoke deep well pump in very good shape, 200 Amp Electric switch; call after 7 P.M. Ph: 717-653-5926.

For Sale - Fifteen 20' used roof truss, 4/12 pitch, \$12. each. Ph: 717-786-3943.

For Sale - Case 330 baler w/thrasher, Fox Industrial Forage Harvester w/2-row corn head, both excellent. Ph: 717-435-0200.

For Sale - Large LPS tank w/4 wheels at Levi E. Glick's, Furnace Rd., RD 3 Quarryville PA 17566.

For Sale - 4 mo. old male mixed Boston Terrier pup, \$20 or best offer. Ivan G. Hoover, Ephrata RD4 PA 17522.

For Sale - V snow plow for Farmall Cub tractor, \$75 firm. Call Hummelstown 717-566-2015 weekend or 4 to 6 P.M. weekdays.

Wanted - nice reasonably priced young boar ready for service. Yorkshire preferred. F. Sale - 3 ton mostly clover hay from last summer. Ph: 717-285-5296 evenings.

For Sale - one ton steel and plywood feed bin. Ph: 717-653-1728.

For Sale - Caterpillar HT4 trax avator w/log and lumber tongues, good running condition and hydraulics, \$2800. Phone 717-359-7479.

For Sale - Beacon hay preserver applicator. Gideon F. Stoltzfus, RD2, Gap, Pa. along Route 897.

For Sale - JD 45 combine w/10 ft. grain head, hume reel and straw cutter, \$2000. Ph: 215-855-8190.

Wanted - canteloupe crates. Ph: 717-838-1898.

For Sale - 23 complete hog farrowing crates, good condition, priced reasonably. Irrigation system 2" and 3" pipe and fittings in good shape. Ph: 717-933-8134.

For Sale - irrigation pump and 728' of 3" pipe. Ph: 717-898-8028 after 5 PM.

For Sale - Stouffer two-row tobacco planter. Ph: 717-653-2229.

Wanted - 100-150 gal. used bulk tank with compressor. Call after 6 PM 609-894-4357 must be in good working condition.

For Sale - IH 120 balanced head mower, \$275; IH 33 hay conditioner, \$135; IH 2 row fast hitch corn planter, JD 30 combine, \$900 Wheel casting for Farmall M Ph: 215-847-5232 after 8 PM.

For Sale - Poultry feeder single row gear motor hopper and all \$100, adjustable alley scraper, \$50. Ph: 215-445-6409.

For Sale - 14 hp International stationary diesel; McDeering corn binder with loader and engine Jacob B. Stoltzfus, Box 327, Christiana, Pa 17509.

For Sale - NI 4 bar side delivery rake on steel, excellent condition. Ph: 717-252-1381 after 6 PM.

For Sale - 1977 JD 4230 cab power shift, 160 hours, 1974 2630 tract 1800 hours loader Ph: 315-253-8504.

For Sale - good used 327 Chevy crankshaft Ph: 717-626-8191.

Mail Box Market

For Sale - 36" Clay hay fan with a 5 hp motor, like new. Phone 717-733-9504.

For Sale - 40 Pcs of 2 x 6 x 24 fencing, Sawed locust posts. Phone 717-548-2702.

For Sale - NH 54A bale thrower 65 MX Gehl grinder mixer. Phone 717-442-9055.

Wanted - Sheep shearer to shear 7 shaggy sheep, Washington Boro. Also For Sale - twin Cheviot rams for breeding or pets only. Phone 717-872-7838.

For Sale - day old Guineas 45 cents a pc. Phone 717-626-6059.

Wanted - Sickle bar head for 717 NH forage chopper. Phone 301-848-4829.

For Sale - 4 bags of Pioneer seed corn \$25 a bag. Will deliver. Phone 717-859-3118.

For Sale - 3 ton Eager Beaver equipment transport trailer. Phone 717-367-4813.

For Sale - Farmall C and 841 Ford tractors, iris plants, 5 for \$100. Ph: 717-272-1092.

For Sale - 12 x 60 Caravelle mobile home, 3 BRs, air, washer/dryer, partial furnished, excellent condition, seller will pay to move \$5750. Ph: 717-867-1506.

For Sale - field sprayer, two barrel, \$75. Ph: 717-899-6612.

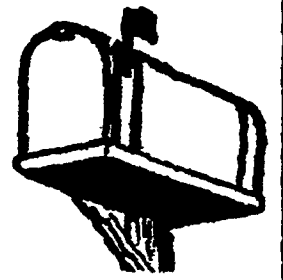
For Sale - 40 head of Holstein heifers, three years old, will start freshening August 1, 1965 Int 3/4 ton truck, GMC 6 x 6. Ph: 717-942-6435.

For Sale - silage and feed carts, plank bottoms, 5/8 plywood sides, on tires. Made to order. Eli King, RD2, Honey Brook, Pa. 19344.

For Sale - 1964 Ford school bus, 66 passenger, good 8 hole wooden hog feeder. Ph: 717-933-4552 after 4 PM.

Wanted - Standardbred USJA reg. 6 year old sorrel stallion named "Flashy Diller". Would like to buy back. Ph: 301-822-0759, RD1, Box 87, Cordova, Md. 21625.

For Sale - IHC #9 mower 7 ft. with engine, \$225. AKC Brittany Spaniel pups. Ph: 215-445-4944.



FREE

Subscribers to Lancaster Farming will receive one advertisement free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:
Limit your advertisement to 20 words; area code must be added to phone number; all advertisements must be in our hands by Tuesday at 5:00 P.M. or same will be held over for next week's paper; no business advertisements accepted.

For Sale - range shelters, range feeders, nests. Ph: 717-993-2603.

For Sale - Int combine Model 64 pull type with motor and bin, good condition. Ph: 717-285-5425.

For Sale - McDeering belt driven corn sheller, will bag corn or blow in bin or wagon. Benj. S. Miller, #1, Box 431A, Paradise, Pa. 17562.

For Sale - 1964 Ford school bus, 66 passenger, good 8 hole wooden hog feeder. Ph: 717-933-4552 after 4 PM.

Wanted - Standardbred USJA reg. 6 year old sorrel stallion named "Flashy Diller". Would like to buy back. Ph: 301-822-0759, RD1, Box 87, Cordova, Md. 21625.

For Sale - IHC #9 mower 7 ft. with engine, \$225. AKC Brittany Spaniel pups. Ph: 215-445-4944.



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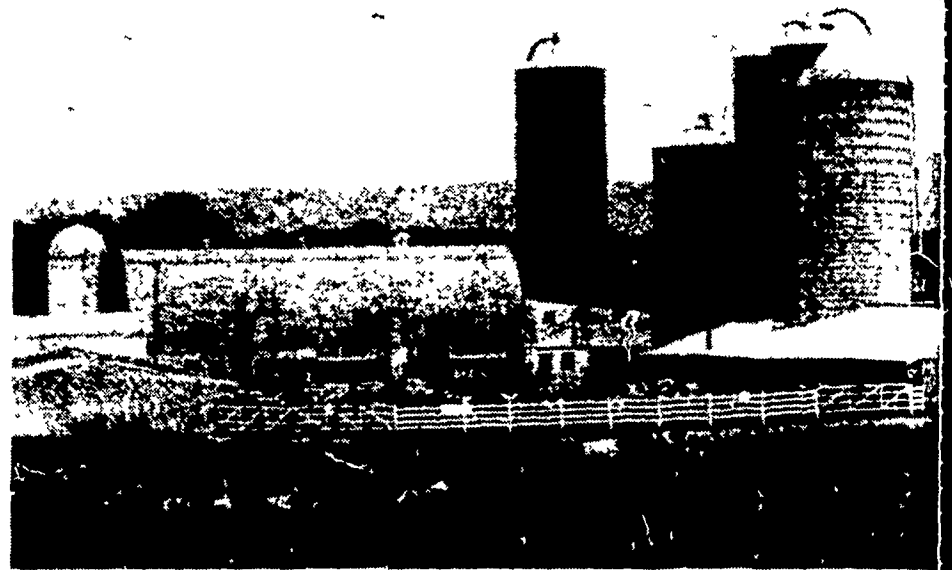
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YOST BROTHERS KNOW THAT IT IS IMPORTANT TO HARVEST TOP QUALITY ROUGHAGE AND GET THAT TOP QUALITY FEED TO THE FEED TROUGH. THERE IS NO SUBSTITUTE FOR TOP QUALITY ROUGHAGE. THEY HAVE ALSO DISCOVERED THE IMPORTANCE OF ANALYZING THAT ROUGHAGE AND MAKING A BALANCED RATION FOR THEIR INDIVIDUAL GROUP OF COWS.

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AGRI-KING HAS BEEN PRIVILEGED TO WORK WITH YOST BROTHERS AND MANY OTHER FINE DAIRY MANAGERS WHO ARE SEEING SIMILAR RESULTS.

CONGRATULATIONS YOST BROTHERS

TWELVE MONTH ROLLING HERD AVERAGE				
DATE	NO. COWS	LBS. MILK	% FAT	LBS. FAT
2/76	121.8	14,441	4.0	571
3/76	123.0	14,529	4.0	579
4/76	124.3	14,492	4.0	580
5/76	125.3	14,447	4.0	579
6/76	126.1	14,373	4.0	578
7/76	125.4	14,458	4.0	582
8/76	124.5	14,672	4.0	586
9/76	123.8	14,890	4.0	591
10/76	123.4	15,114	3.9	593
11/76	123.3	15,314	3.9	598
12/76	123.2	15,414	3.9	602
1/77	123.2	15,502	3.9	608
2/77	122.7	15,686	3.9	616
3/77	121.0	16,075	3.9	628
4/77	119.9	16,545	3.9	642
5/77	119.1	16,860	3.9	652

Started With Agri King

They are presently milking 83 cows and are shipping 4840 pounds of milk to the dairy per day. There are 30 cows to freshen in the month of June.

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George F. DeLong
Regional Manager
225 West Woods Drive
Lititz, PA 17543
Call Collect 717-626-0261

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Phone 717-665-3126

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Phone 717-872-5686

Lebanon Co.
Marvin Meyer
RD2, Box 157
Annville, PA 17003
Phone: 717-867-1445

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William Windle
RD1, Atglen, PA 19310
Phone: 215-593-6143

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250 Edwards Ave
Chambersburg, PA 17201
Call Collect 717-264-9320

Eastern Lancaster Co.
Melvin Herr
RD2 New Holland, PA 17557
Phone 717-354-5977

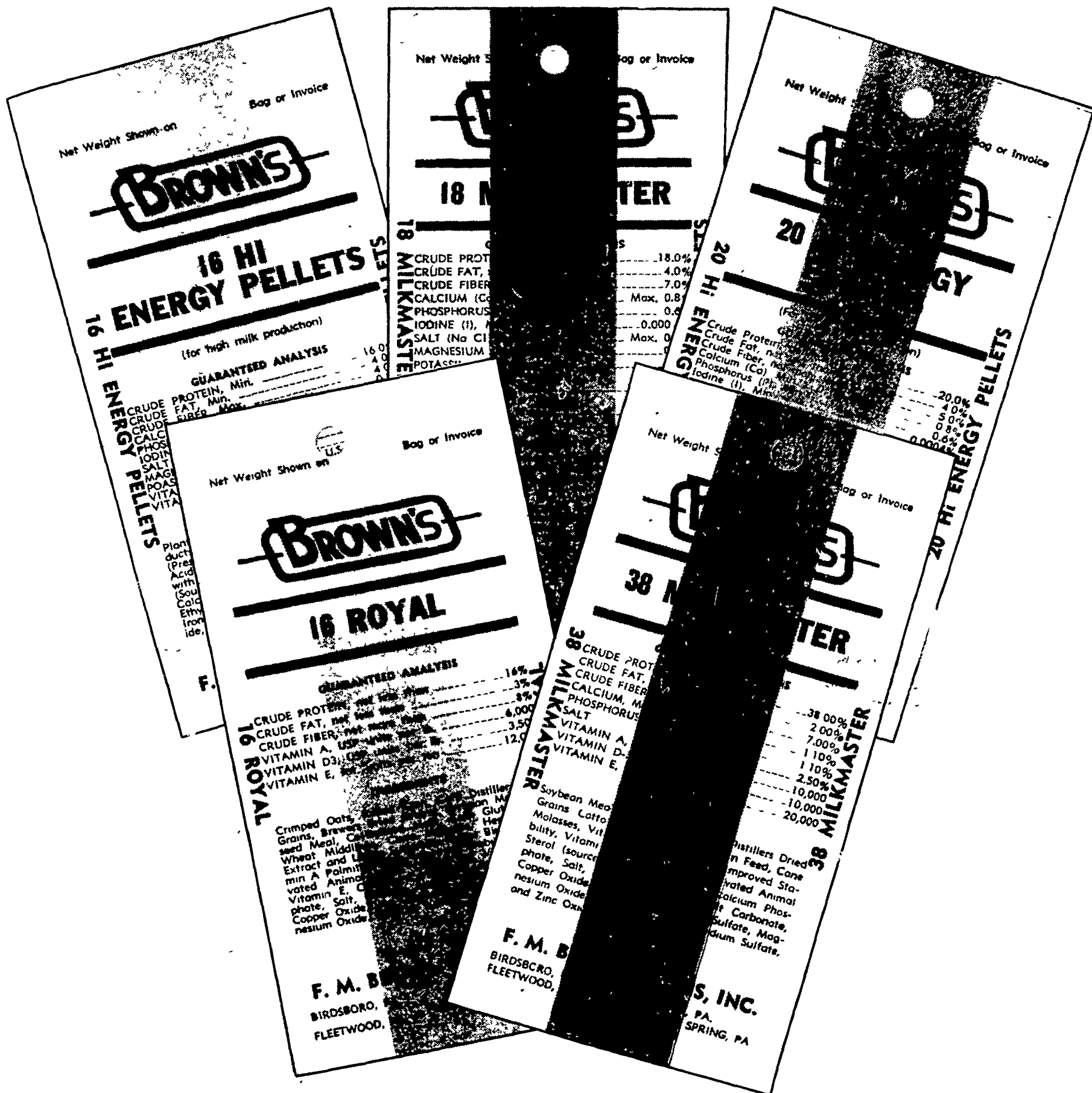
Southern Lancaster Co.
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RD2 Box 69
Peach Bottom, PA 17563
Phone 717-548-3471

Southeastern Penna.
Aldus R. King
RD1, Box 67A
Atglen, PA 19310
Phone: 215-593-5952

Northeast Berks Co.
Roger Heller
RD1, Robeson, PA
Phone 215-693-6160

Lehigh & Northampton Co.
Thomas Heist
Main Street
Alburtis, PA 18101
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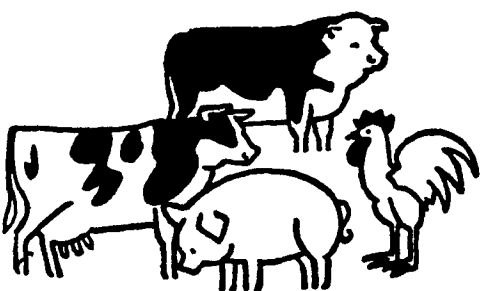
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We don't think so! We've built our reputation for many years by producing only the best supplements and complete feeds we know how to make. We believe in progress, too. We introduced 8 new feeds this year. But, we didn't sacrifice a bit of our "old fashioned" quality in doing it.

Every ingredient in a BROWN'S bag is the best available. We use only high quality proteins, vitamins and minerals. For only with high quality ingredients do you get the best rate of gain, highest production and lowest feed cost.

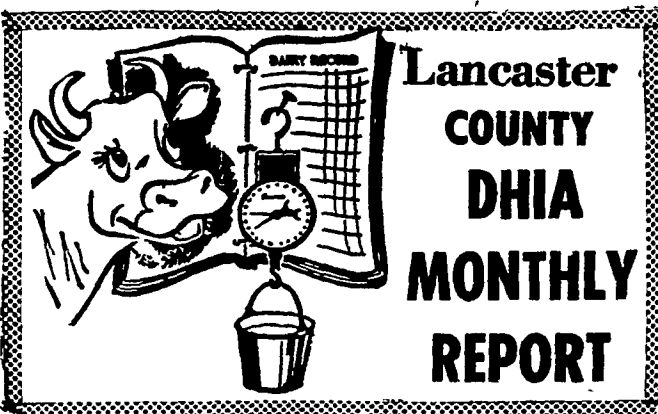
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(Area Code 215)



APRIL 1977

A registered Holstein cow owned by Furry H. Frey, 1343 Gypsy Hill Rd., Lancaster, completed the highest 305 day lactation. Arline produced 25,548 lbs. of milk, 1,035 lbs. of butterfat with a 4.1 per cent test. Second high lactation was completed by a registered Holstein cow owned by Lancaster Mennonite Hospital Farm, Lebanon R5. Unel produced 23,994 lbs. of milk, 933 lbs. of butterfat with a 3.9 per cent test in 305 days.

The herd of Rufus G. Martin, Ephrata R3, had the highest daily butterfat average. This herd of 26 registered Holstein cows averaged 59.3 lbs. of milk, 2.32 lbs. of butterfat with a 3.9 per cent test. The herd of Dan S. Stoltzfus, Mt. Joy, placed second. This herd of 39 registered Holstein cows averaged 60.2 lbs. of milk, 2.30 lbs. of butterfat with a 3.8 per cent test.

OWNER - COW'S NAME	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Furry H. Frey						
Arline	RH	5-3	305	25,548	4.1	1,035
Milly	RH	5-7	305	17,836	3.9	693
Lancaster Mennonite Hospital Farm						
Unel 42	RH	5-5	305	23,994	3.9	933
Rmudy 89	RH	8-6	305	18,828	3.9	726
Kenneth L. Beiler						
Leonora	RH	9-6	305	25,855	3.4	876
Posie	RH	6-6	305	21,226	3.5	747
Nit	RH	6-2	305	18,591	3.6	675
Robert H. Kauffman						
Jem	RH	7-8	305	22,578	3.8	867
Sparkie	RH	3-8	305	18,001	4.3	774
Gypsie	RH	6-9	305	17,665	4.0	708
Donna	RH	4-3	304	14,767	4.4	654
Dan S. Stoltzfus						
Carolyn	RH	4-5	305	20,307	4.2	862
Julie	RH	3-3	305	16,976	4.1	695
David B. King						
Pearl	RH	6-0	305	21,211	4.0	854
Meadow Vista Farm						
Sweetie	RH	6-8	305	19,664	4.3	852
Audrey	RH	6-2	305	21,602	3.5	749
Drizzle	RH	5-1	305	18,430	4.0	740
Ada	RH	4-0	296	16,645	4.0	659
Edgefield Farm No. 2						
Cookie	RH	6-7	305	19,755	4.2	835
Clyde W. Martin						
Empress	RH	5-0	305	19,047	4.3	824
Twila	RH	5-6	305	18,245	3.9	704
Princess	RH	3-8	305	20,682	3.2	669
Erla	RH	5-7	305	17,956	3.7	656
Sorry	RH	8-8	305	16,273	4.0	654
Nora	RH	3-8	305	17,663	3.7	646
Samuel F. Long						
Kim	RH	7-10	305	20,046	4.1	823
Vernon R. Umble						
Margret	RH	8-4	305	19,590	4.2	817
Karen	RH	6-7	305	18,851	4.1	780
Dee	RH	3-8	305	17,504	4.0	700
Polly	RH	3-10	305	17,621	3.7	659
W. Eugene Witwer						
Mistres	RH	6-6	305	21,504	3.8	815
John M. Harnish						
Coleen	RH	4-6	305	24,730	3.3	810
Ellen	RH	6-8	248	17,469	3.9	685
Daisy	RH	3-9	305	19,604	3.4	658
John A. Harsh						
Holly	RH	5-7	302	16,248	5.0	808
Don Ranck						
54 Pat	RH	6-7	305	21,124	3.7	789
77 Goofy	RH	5-7	305	19,847	3.4	682
James L. High						
Freda	RH	6-5	305	20,375	3.9	789
Ruth	RH	9-11	305	21,592	3.5	765
Lady	RH	4-2	305	19,551	3.4	656
Elam P. Bollinger						
Gateway	RH	3-6	305	20,550	3.8	787
Pompoms	RH	6-2	305	16,016	4.5	725
Dorothy	RH	6-5	305	19,218	3.7	709
Ben K. Stoltzfus						
Hanna	GrH	4-2	305	20,078	3.9	787
Polly	RH	3-3	305	18,735	3.7	695
Samuel M. Martin Jr.						
Holly	GrH	6-9	305	18,809	4.2	784
Beverly	GrH	4-10	305	15,456	4.4	676
Lucy	GrH	3-10	305	15,834	4.2	671
Tootsie	GrH	5-9	305	17,217	3.8	658
Robert Kauffman Jr.						
Sally	RH	8-0	303	16,117	4.9	784
Missy	GrH	4-4	305	20,057	3.9	783
Speedy	RH	6-2	305	18,725	4.1	775
Elsie	RH	3-0	305	18,830	4.0	748
Adell	RH	3-1	285	14,968	4.8	716
Pat	RH	4-0	305	18,595	3.8	704
Sarah	RH	4-3	305	17,005	4.1	704
Jody	RH	3-2	305	16,822	4.1	696

Raymond M. Weaver	RH	5-9	305	17,984	4.3	777
Calvin D. Beiler						
Belle	RH	6-3	305	20,873	3.7	772
Wanda	RH	6-7	305	20,081	3.6	725
Rhelda & Lynn Royer						
Bubbles	RH	11-0	305	19,468	4.0	769
L. Luck	RH	4-5	305	13,913	4.8	670
J. E. & Shirley Hershey						
Marian	RH	6-2	305	17,547	4.4	768
Tillie	RH	5-2	305	19,093	3.8	731
Karl W. Herr						
Peggy	RH	5-0	305	20,630	3.7	765
Dixie	GrH	7-10	305	17,972	3.9	698
Ellis D. Kreider						
84	GrH	4-7	305	19,573	3.9	765
52	GrH	8-2	305	20,686	3.6	750
Conewago View Farms						
Lucy	RH	6-4	305	17,702	4.3	764
Leila	RH	5-5	305	17,490	4.0	708
Mable	RH	5-4	305	14,474	4.6	666
Amos B. Lantz						
Polite	RH	6-5	305	21,267	3.6	763
Robert F. & Joan B. Book						
Sally	RH	4-9	305	19,414	3.9	763
Cutie	RH	3-7	305	20,292	3.5	709
Nelson E. Martin						
Bottle	RH	6-4	305	19,539	3.9	760
Barbara	RH	6-10	305	19,095	3.6	683
Parke H. Ranck						
Minnie	RH	7-5	292	15,842	4.8	760
Rose	RH	6-6	251	17,858	3.6	651
Earl W. Weaver						
Patricia	GrH	4-4	298	19,206	3.9	758
Kandy	RH	4-7	305	13,807	4.7	645
Leona	GrH	5-10	305	19,136	3.3	639
Edgefield Farms						
Sue	GrH	5-4	286	20,457	3.7	756
Kenneth D. Myer						
Goldie	RH	3-8	305	19,622	3.9	756
Roxanne	RH	4-0	305	18,191	3.9	709
Paul V. Nissley						
Beth	GrH	6-1	305	22,152	3.4	755
Rae	GrH	8-2	305	16,697	4.1	684
Kim	RH	9-2	302	16,664	3.8	636

(Continued on Page 88)



Facts for dairymen

By Alan Bair
Assoc. County Agent
Lancaster, Pa.

If you have been so busy planting corn and making hay that you haven't had time to look at your recent feed bills, you better go take a look. Protein prices, particularly soybean oil meal prices have risen sharply over the past several months.

At these current prices for protein supplementation, you should make certain that you are not overfeeding protein. This can best be done through sound feed programming, such as that available from our Penn State Forage Testing Service.

You do have several alternatives to consider in adjusting feeding programs to ease the high cost burden. One of these is to replace at least part of the low-protein forages such as corn silage, grass or mixed mainly grass forage with higher protein material. If you have it available, feed more legume or mixed mainly legume forages. Small grain forages are also high in protein if harvested in the pre-flower stage.

When only high protein forages are fed a 12-14 per cent grain mix is generally sufficient. A 16-18 per cent feed may be needed when only 50 per cent of the hay-equivalent is furnished by high protein forages.

I know from talking with you that many of you are using a 16-20 per cent protein level in your grain mix, when only 12-14 per cent is needed. Most recommendations include margins of safety.

You do not need to add more. Check with our Forage Testing Service to be sure you are not overfeeding high priced protein.

xxx

"Are the ends of your cows teats normal?" It's absolutely amazing to me how often you can't answer this simple question about the most important part of the cow. The teat end is the cows first line of defense against disease organisms and one of the more visible indicators of physical stress as a cause of mastitis.

In our experience teat end damage can have several causes. While talking recently with Raymond Hoover, a good dairyman from the White House area, his concern was teat damage due to extremely cold weather. This can be a cause of teat end damage, but more often than not, the cold is simply the stress that brings the damage to your attention.

Most teat end damage is caused by malfunction or missusage of the milking machine. Some teat end damage can also result from teat dips and the environment. Obviously we are not going to recommend that you stop using milking machines or teat dips. The point is that when you first observe teat end damage, find the cause and correct the situation immediately. It's a losing battle to fight the cause of mastitis without first correcting the situation that is damaging the teat ends.

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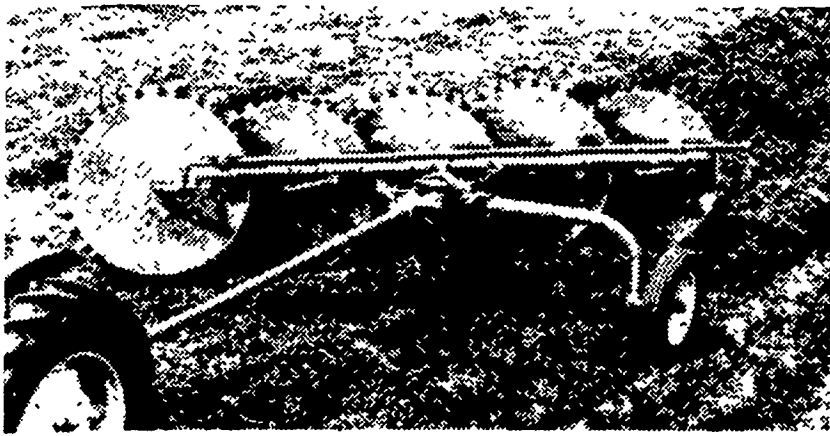
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New Idea's Wheel Rake

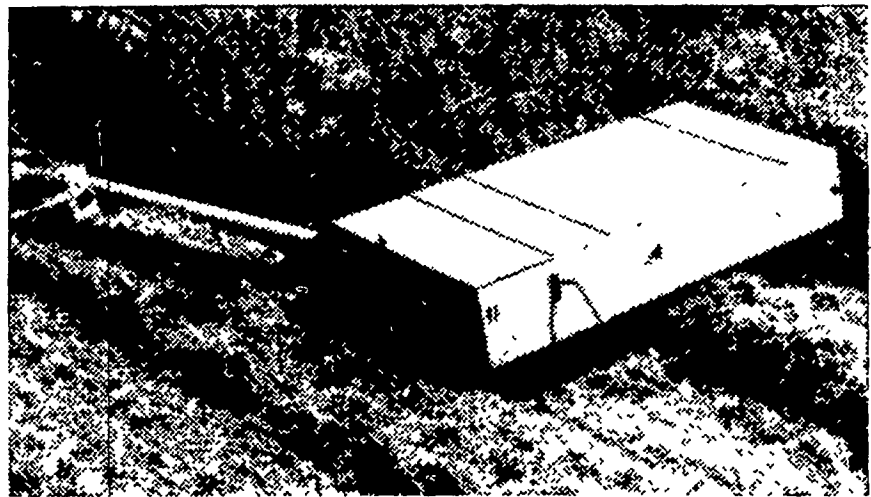


The quick 'n clean hay machine

Use the Avco New Idea Speed Wheel Rake over any terrain—smooth, uneven, hilly or contoured—and it gets the hay other rakes miss . . . and gets it fast. Raking wheels feature independent spring counter-balancing so teeth follow ground contour. Gentle action builds big fluffy windrows without shattering valuable leaves. You can use the basic 5-wheel rake (8'4" width) for the first cutting, then add 6th or 7th wheel for later cuttings. Stop in and see this low cost rake for yourself!

Costs hundreds of dollars less . . . unsurpassed in heavy, down, tangled hay . . .

Cut/ditioner

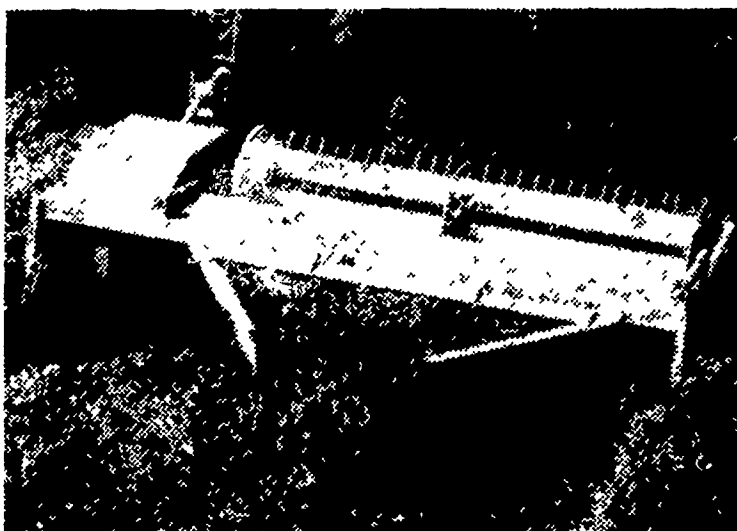


It's a simple machine, with fewer moving parts. Cuts 7-feet wide. Conditions. Makes windrow or swath. When you can't cut hay with a sickle bar, Cut/ditioner! Non-stop. Plug-free.



We make your job a little easier.

New Idea's Mow/ditioner



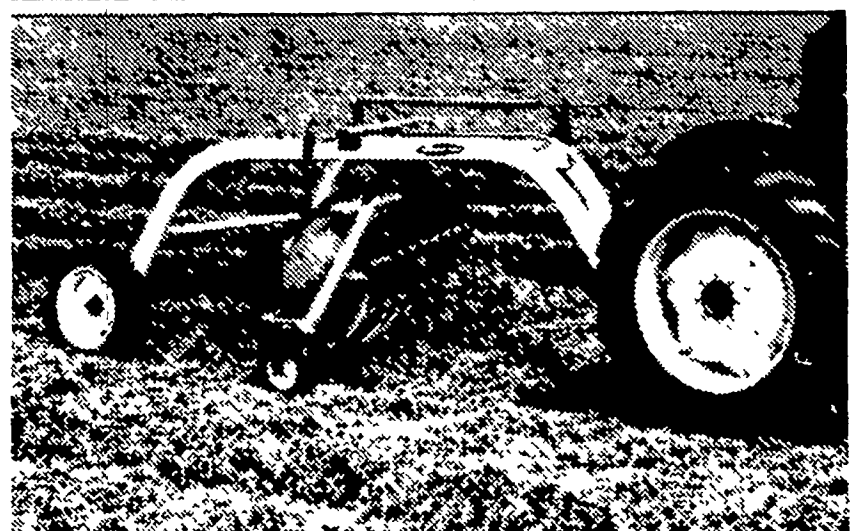
Cows can tell the difference

That's what farmers tell us. Mow and condition part of your hay with a New Idea Mow/ditioner and the other part with any other mower-conditioner—and your cows will tend to pick the Mow/ditioner hay. Why? Because cows don't like "match-stick" broken stems. They do like soft hay. The kind a New Idea Mow/ditioner makes.

This rugged 9-foot machine is the best all-around machine you can buy for making quality hay. It features a header so well balanced . . . and flotation so well controlled . . . that you avoid excessive knife and guard damage, scalping and poor cutting. Swing-out shields adjust to many positions for swaths or windrows of any desired width.

Come on in and check out New Idea's Mow/ditioner. You'll see the difference in your hay—and chances are, your cows will, too.

New Idea's Belt Rake



For turning over a new leaf . . . gently

Steady, positive, clean raking without noisy clatter! This is what you get with the Avco New Idea belt drive rake. Exceptionally clean raking and minimum leaf shattering are the result of the constant ratio between reel speed and forward travel. The smooth, lifting rolling action of the tooth bars builds uniform fluffy windrows . . . windrow fluffiness can be varied by tilting the basket. Long lasting optional rubber Flex-joint teeth available. And, for raking over rough terrain, there's an optional gauge wheel that fits on the frame end.

SEE DEALERS ON OPPOSITE PAGE.

Creamy puddings

(Continued from Page 47)

or bowl. Chill one hour. Top with prepared whip topping, if desired.

Katie Beller
New Holland, Pa.

CHEESE BREAD PUDDING

- 10 slices of bread
- ½ pound sharp cheddar cheese (2½ c. grated)
- 2 cups milk
- 1 teaspoon salt
- 3 eggs
- 1 stick margarine

Remove crusts from bread and butter well. Cube. Alternate bread and grated cheese in a 2 quart baking dish, cheese on top. Pour mixture of beaten eggs, milk and salt all over. Let stand several hours before baking. Uncover to bake at 350 degrees for 30-45 minutes or until bubbly and brown, serve immediately. Serves six.

Mrs. David R. Clemens
Millersburg, Ohio

CHOCOLATE VANILLA PUDDING

- 3 cups milk
- 1 cup sugar
- 3 eggs, separated
- 2-½ tablespoons cornstarch
- ¼ teaspoon salt
- 1 tablespoon butter
- 1 teaspoon vanilla
- 1 large dish

Scald 2-½ cups milk in top of double boiler. Combine sugar, salt, and cornstarch separately. Add remaining milk to cornstarch mixture to make a smooth paste. Add some of the hot milk to the paste and mix thoroughly, then add paste to hot milk and cook until thickened, stirring constantly. Beat egg yolk and add some of the hot pudding. Then add egg yolk to mixture and cook two minutes. Remove from heat and add butter and vanilla. Chill thoroughly and then top with the following meringue: beat egg whites until stiff, add five tablespoons sugar and one ounce of unsweetened chocolate melted. Continue to beat until meringue has a sheen. Spread on pudding. Serves eight.

Mrs. Lloyd Burkholder
Shippensburg, Pa.

CRACKER PUDDING

- 1 quart milk
- 15 saltines, crushed
- ½ cup coconut
- ½ teaspoon salt
- 1 cup sugar
- 2 egg yolks, beaten
- 1 teaspoon vanilla
- 4 tablespoons sugar
- 2 beaten egg whites

Put the first five ingredients into a two quart saucepan and heat to almost boiling (the crackers are crushed but not as fine as crumbs). Pour about a cup of this hot mixture over the beaten egg yolks. After blending together, return to pudding mixture in saucepan and cook until mixture begins to thicken, stirring all the while. Add vanilla. Pour into buttered two quart baking dish. Cover with meringue made by folding sugar into beaten egg whites. Beat again until meringue stands in peaks. Brown in 325 degree F. oven for 20 minutes. Chill. Serves eight.

Mrs. Linda Stafford
Bear, Del.

CREAMY PUDDING

- 1 box (3 oz.) vanilla pudding (not instant)
- 1 box (3 oz.) butterscotch pudding (not instant)
- 2 cups whole milk
- 8 to 10 graham crackers
- 2 cups whipped topping
- 1 or 2 bananas

Cook the pudding and milk as directed on box. Cool. Crush graham crackers in blender until fine. Prepare whipped topping. Fold these into cooled pudding. Save a little whipped topping for top. Sprinkle with a few crumbs from crackers and slice bananas on top. Very tasty and pretty too.

Mrs. Glenn Bruckhart
Watsonstown, Pa.

CUP CUSTARD

- 1 quart milk
- 5 eggs
- ¾ cup sugar

Mix sugar and egg yolks. Scald milk and add slowly to egg mixture. Beat egg whites until foamy, add last. Mix thoroughly and pour into cups. Set the cups in a pan of hot water. Bake at 400 degrees F. for 10 minutes, 350 degrees F. for 20 minutes and 300 degrees F. for 30 minutes.

Emma Esh
Gordonville, Pa.

FAT AND SASSY

- 50 Snack crackers
- ¾ pound butter
- 6 cups (½ gallon) vanilla ice cream
- 2 packages instant coconut cream pudding mix
- 1-½ cups milk
- 1 cup whipped cream (½ cup whipping cream)

Melt butter. Crumble crackers. Combine to make crumbs. Line oblong dish (9x13x2) with crumbs. Save ½ cup for top. Beat ice cream, pudding mix, and milk in mixer until smooth. Pour over crumbs in pan. Spread whipped cream over top. Sprinkle with remaining crumbs. Freeze until ready to use.

Schuylkill County
Milk Promotion
Committee
Carol Heisler
Tamaqua, Pa.

FROZEN BERRY FLUFF

- 2 cups (1 package) crisp graham crackers
- 5 tablespoons butter
- 2 egg whites
- 1 tablespoon vanilla
- 1-½ cups sugar
- 2 cups fresh berries (strawberries, raspberries or blueberries)
- 1 cup heavy cream, whipped

Mix cracker crumbs and butter. Press into bottom of buttered 9 x 13 inch pan. Bake at 350 degrees F. for eight minutes. Beat egg whites and vanilla slightly in large bowl, gradually beat in sugar and berries. Beat at high speed 12 to 15 minutes until mixture is fluffy and has large volume. Fold in whipped cream, spread over crumb crust. Freeze overnight. Cut in squares or wedges to serve. Makes one large oblong pan full, 9 x 13 inches.

Mrs. John E. Glick
Gap, Pa.

GRAPE NUT PUDDING

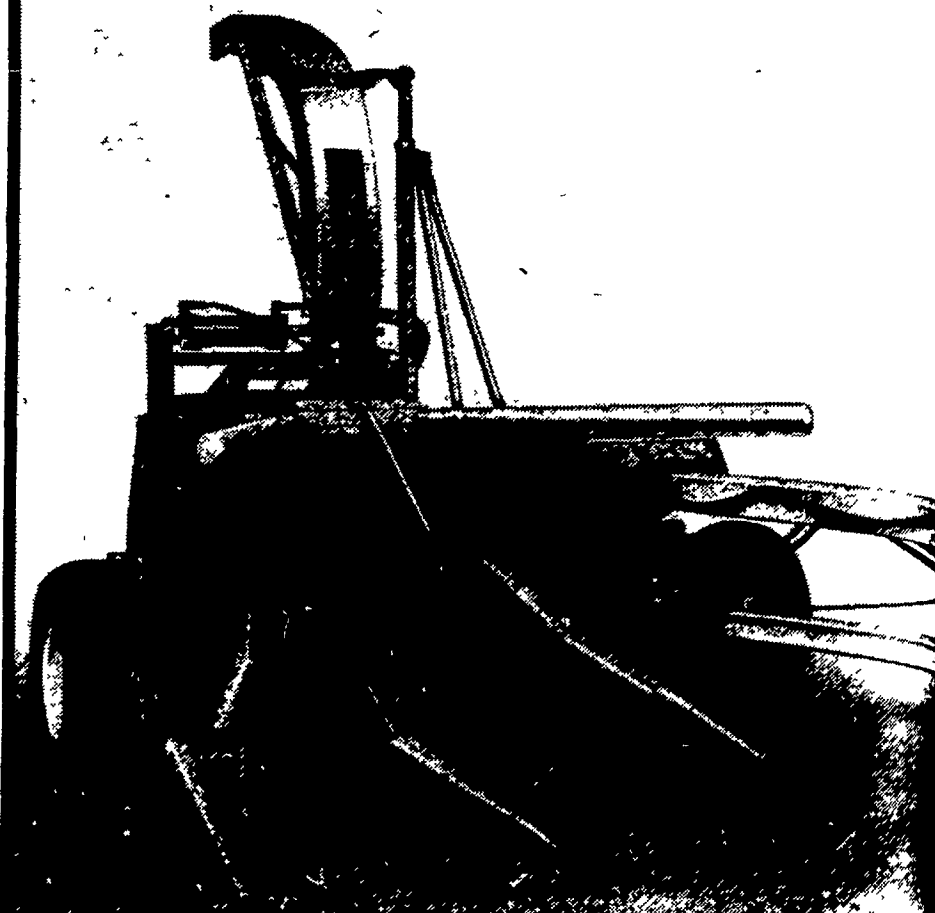
- 1 quart milk
 - ¾ cup sugar
 - ½ cup flour (scant)
 - 2 egg yolks
 - ¼ teaspoon salt
 - 2 teaspoons vanilla
 - 1 cup heavy cream (whipped)
 - ¾ cup grape nuts
- Add enough milk to flour and egg

yolks to make thin smooth paste. Heat the remaining milk and sugar. Stir in the flour mixture, stirring constantly until it thickens. Cool, then fold in the whipped cream, grape nuts, salt, and vanilla. Serve.

Sadie Fisher
Quarryville, Pa.

(Continued on Page 114)

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Livestock Congress slated for June 15

KANSAS CITY, Mo. - Sen. John Melcher (D-Mont.), a member of the U.S. Senate Committee on Agriculture, Nutrition and Forestry, has joined the impressive lineup of speakers at Livestock Marketing Congress '77.

Other speakers at the Congress, to be held June 15-17 in Calgary, Alberta, include nationally known U.S. consumer advocate Ralph Nader; the presidents of both the American National and Canadian Cattlemen's Association, and numerous other industry, government, and consumer spokesmen from both countries.

This year's Congress theme is "A Question of Balance: The Role of Government, Consumers and Industry in Livestock Production and Marketing." Melcher will speak at the opening session on Thursday, June 16, which will look at "What Is The Proper Balance?"

Also speaking at this session will be Canadian Sen. Hazen Argue; Mrs. Ruth Lotzkar, chairman of the Consumer Association of Canada; Wray Finney, president of the American National Cattlemen's Association and Boyd Anderson, president of the

Canadian Cattlemen's Association.

Congress Chairman Gerald E. Kaumeyer noted that the Congress annually attracts a wide variety of persons involved with agriculture. "We will have livestock producers, agribusinessmen, members of the academic community, government officials and almost anyone else who wants to keep abreast of this year's crucial topic. The Congress is open to the public and I urge anyone connected with agriculture or livestock production and marketing to attend," he said.

This year's theme will be attacked in four program sessions. The first will be a discussion of what the proper balance should be; the second will be a look at North American trade policy; the third will look at consumer rights and responsibilities, and the fourth will study the role of government marketing boards and stabilization programs.

For further information on registering, Kaumeyer said Canadians could call his Calgary office (403) 253-9411. Those in the U.S. should call Livestock Merchandising Institute in Kansas City, Missouri, (816) 531-2235.

Hill cited

WASHINGTON, D.C. - Jerry C. Hill, who was administrative assistant to former Sen. John Tunney of California, has been named deputy assistant secretary or agriculture for marketing services.

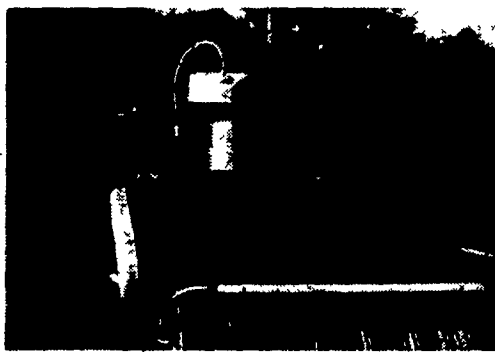
Secretary of Agriculture Bob Bergland said Hill will

serve as deputy to Assistant Secretary Bob Meyer, who supervises the activities of the Federal Grain Inspection Service, Packers and Stockyards Administration, Animal and Plant Health Inspection Service and the Agricultural Marketing Service.

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Nearly 10% more income per ton of hay. Beacon Silage Pre-Serv* helps keep haylage and grass silage fresh and sweet. Tests have shown that, in storage, Pre-Serv gives 7%

more protein retention, increases lactic acid production 53%.

Pre-Serv products are a combination of natural acids, anti-oxidants and selected flavors. They help to maintain forage quality, so you will get greater palatability from your hay and silage—and that's another reason you get less waste, more profit.

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Why is June 'Dairy Month'?

Even though June Dairy Month is 40 years old in 1977, and the month still has 30 days and it rhymes with "moon" and "croon," everything else has changed. May milk out-gushes June on a day to day comparison basis, so why is June Dairy Month?

It is because a June Dairy Month celebration is accepted by food editors and expected by consumers? Or that dairy farmers want to remind the nation of their importance to the country's health and economic welfare?

I don't think so.

Is it a 40-year habit that's hard to break or a time for city folk to think of country people during vacation time and warm weather months?

I don't think so.

From this corner, June Dairy Month is a nationwide salute to one of America's most valuable natural resources, the dairy industry. Sure, agriculture consists of a small number of farmers producing foods and goods and fibers for millions of urban Americans. And the dairy farmer is a pacesetter in agriculture too.

Who else uses breeding and feeding techniques as efficiently to improve production quality and quantity as the American dairy farmer?

No one!

Admittedly June wasn't originally chosen as a time to salute the dairy industry because school was out and

this milk outlet dried up temporarily. No, June was selected back in 1937 because cows grazing on green grass produced more milk and dairy farmers needed more markets.

In the beginning, the 30-day National Milk Month straddled June and July. Then in 1939, the June Dairy Month celebration was put on a calendar basis and supported with a national campaign to promote greater use of dairy products.

Since 1957, the American Dairy Association has used the JDM promotion to salute the nation's dairy industry and kick off the summer selling season for milk products. This campaign earns annual support from all facets of the dairy industry, the food chains and newspaper-magazine food editors.

The nationwide June Dairy Month program reminds consumers of the nutritional importance of dairy foods in the family diet. It also reminds city consumers of cows and country and dairy farmers.

Farmers, too, are reminded during June that more than 80 per cent of the milk they produce is consumed by urban dwellers.

Why is June Dairy Month?

From this corner, I'd suggest it's because this thanksgiving month during the summer is a good time to count our blessings. It's also

a time to consider stretching milk month over the entire year for the good of all concerned.

Do your part this June. If you can't make a cow happy by taking her to lunch, at least drink a milk toast during June Dairy Month to the nation's dairy farmers and their industry.



Barbecue Scheduled

YORK, Pa. - York County Producers have announced plans to hold their annual Pork Barbecue on Saturday, June 11. Serving will be from 4:00 to 7:00 p.m. at Elicker's Grove Park, just off Route 30 west of York.

Entertainment will be provided during serving hours. Tickets are available from any member of the Pork Producers Association and from local feed company representatives. Cost for the tickets is \$4 for adults and \$2 for children.

Neutral AFBF encourages beef vote

PARK RIDGE, Ill. - The decision on whether a proposed multi-million dollar beef promotion and research program lives or dies is now entirely up to the nation's beef cattle producers, feeders and dairymen, Allan Grant, president of the American Farm Bureau Federation, said here recently.

In urging every eligible beef and dairy producer to register and vote in the referendum, Grant emphasized that AFBF has not taken a position either for or against the promotion program but does call upon producers to express their personal preference by their vote. AFBF has conducted a comprehensive information program on the proposal.

To be eligible to vote in the referendum, producers must register at their local Agricultural Stabilization and Conservation Service (ASCS) office between June 6 and June 17.

Producers can register and vote in person or by mail. For persons planning to register and-or vote by mail, registration cards and referendum ballots can be picked up at their local ASCS office or they will be mailed on request. Anyone who was a beef cattle producer, feeder or dairyman in 1976 can register and vote.

The vote concerns a USDA proposed Beef Research and Information order which has been approved by Congress.

For approval of the promotional program, 50 per cent of the producers who register must vote and two-thirds of those voting must approve the order before it can be activated.

If approved, a Beef Board of not more than 68 producers would be established to administer the program.

The Beef Development Taskforce (BDT), an industry group that initially proposed the program,

estimates that at the 3-10 of one per cent assessment level which would probably be in effect for the first three years of the proposed program, \$30 - \$40 million per year would be made available to finance activities of the Beef Board.

The BDT says that approximately 60 per cent of this amount should be spent on promotion (consumer information and education), 30 per cent on research and 10 per cent on foreign market development. The Beef Board would make the final decision on how funds are spent.

The proposal specifies that after three years the assessment could be increased by the Beef Board but could not exceed five tenths of one percent based on a value added concept.



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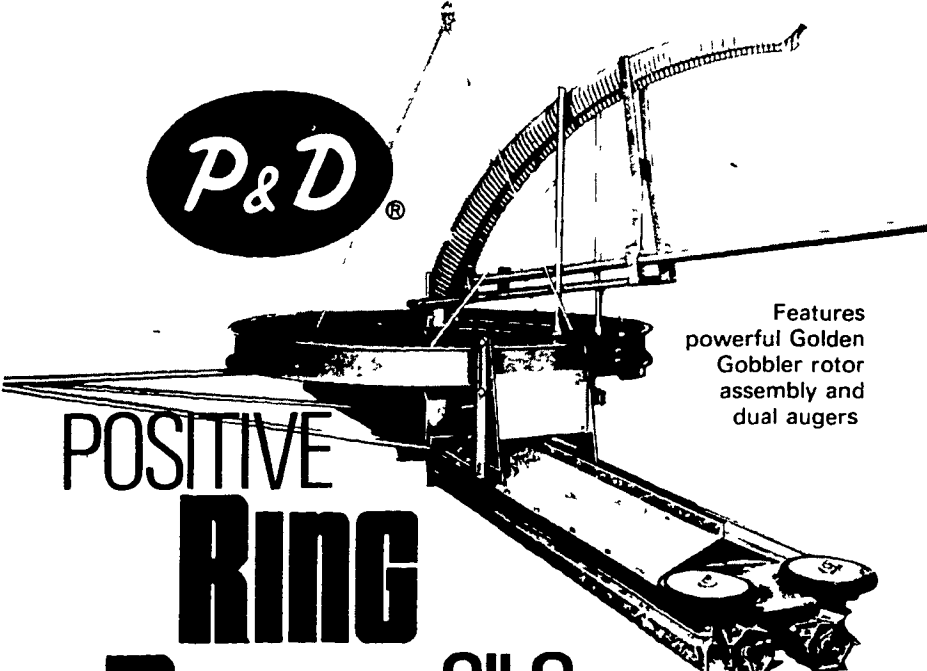
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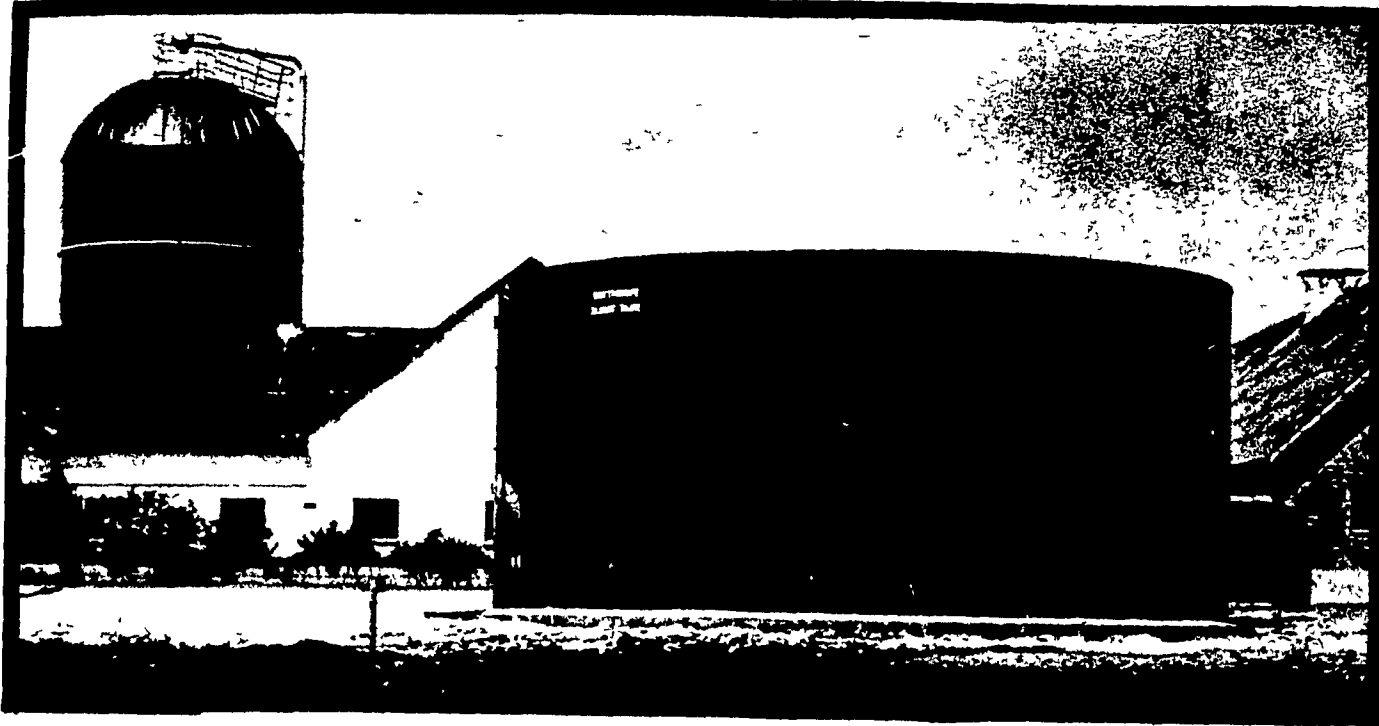


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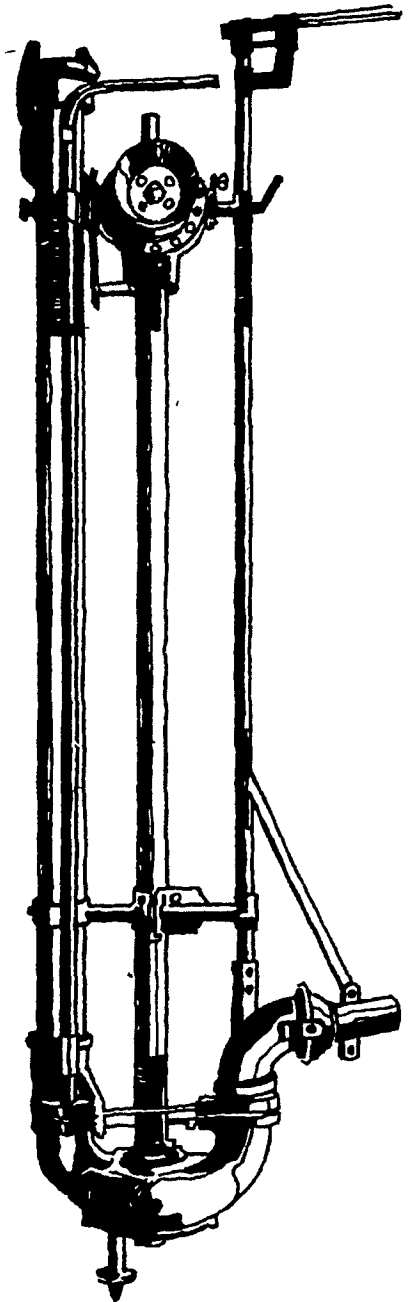
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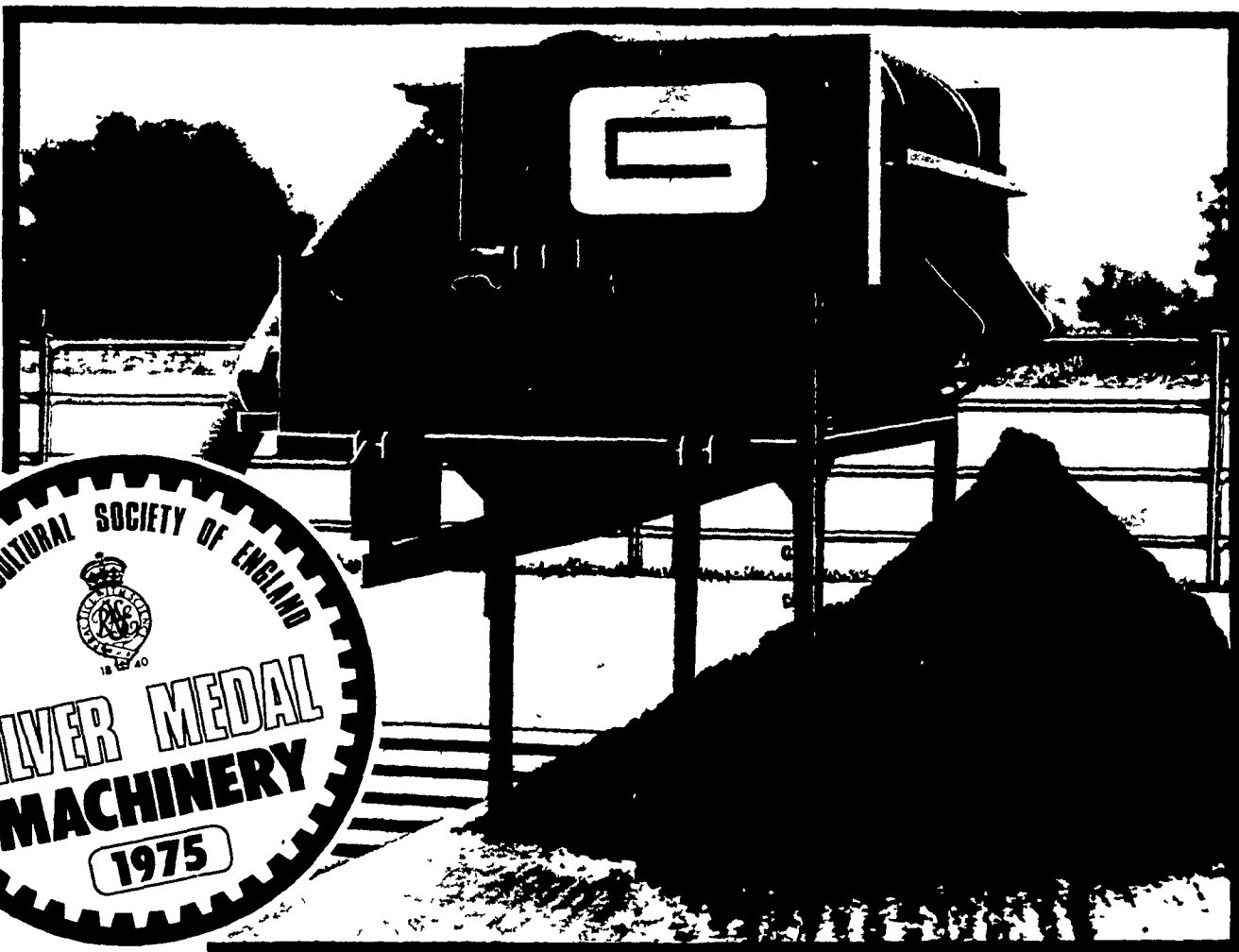


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Lancaster Co. DHIA

[Continued from Page 82]

Jacob S. Diener							
June	RH	6-6	302	20,474	3.7	754	
Mima	RH	4-5	305	22,277	3.4	750	
Abram & John Barley							
116	GrH	5-3	305	17,105	4.4	754	
Curtis E. Akers							
Tess	RH	3-7	305	17,994	4.2	752	
J. Nelson Sangrey							
Grace	GrH	9-8	305	17,879	4.2	749	
Glenn R. Harnish							
36	RH	5-8	305	17,239	4.3	748	
Henry E. Kettering							
Pearl	RH	5-4	305	21,184	3.5	746	
Bert	RH	3-8	305	22,468	3.2	716	
Grace	RH	3-9	305	16,609	4.1	684	
Titus B. Stoner							
K. Molly	RH	9-5	305	19,908	3.7	744	
Jonas E. Zook							
Dean	RH	7-7	305	18,772	4.0	744	
Elam B. Rutt							
Martha	RH	7-6	305	19,158	3.9	743	
Irvin B. Weaver							
51	GrH	6-1	305	15,432	4.8	743	
Nelson H. Hershey							
Gazer	RH	4-2	305	16,444	4.5	740	
Gusty Crest Farm							
Eva	GrH	4-6	305	14,500	5.1	740	
S. R. Shellenberger							
Lynn	RH	5-0	305	22,565	3.3	738	
Minie	RH	6-6	305	17,723	4.1	726	
Edwin J. Landis							
Effie	RH	5-6	305	20,621	3.6	737	
Elam J. Stoltzfus							
Millie	RH	4-7	305	19,861	3.7	737	
Paul N. Brubaker							
115	RH	5-8	295	17,076	4.3	737	
84	RH	7-0	305	19,989	3.6	718	
59	RH	4-7	305	17,045	3.7	635	
Leon S. Lapp							
Maple	RH	3-9	305	17,628	4.2	735	
Samuel K. Stoltzfus							
Carolyn	GrH	6-7	305	20,076	3.7	733	
John Omar Stoltzfus							
Fern	RH	8-7	305	20,076	3.5	732	
K. D. & Else Linde							
Nanette	RG	4-7	305	19,206	3.8	731	
Ulrika	RG	3-4	305	14,203	4.9	691	
Moses N. Good							
Delores	RH	9-2	305	18,757	3.9	730	
Rosella	RH	3-6	305	15,994	4.6	730	
Jay C. Garber							
Mhrmsby	RH	3-11	305	18,394	4.0	730	
Nhrmsby	RH	3-2	305	18,746	3.6	681	
Jolly	RH	6-5	282	15,030	4.3	653	
John Ul Glick							
25	GrH	4-7	305	17,231	4.2	730	
Abram M. Stoltzfus							
Jessie	GrH	6-11	305	20,731	3.5	728	
Kim	GrH	4-4	305	19,589	3.6	704	
Aaron S. Glick & Sons							
46	GrH	6-7	305	19,023	3.8	727	
83	GrH	5-5	305	17,444	3.9	675	
42	RH	6-3	305	16,384	4.0	653	
Daniel M. Stoltzfus							
Lyn	RH	3-9	305	20,467	3.5	723	
Magic	RH	5-8	282	16,709	3.8	633	
J. Ray Ranck							
Tricia I	GrH	6-11	305	17,911	4.0	722	
Galen W. Crouse							
Sylvia	RH	7-8	305	19,430	3.7	721	
Adorabl	RH	8-3	280	15,312	4.3	662	
Masonic Homes Farms							
Nettie 7	RA	4-6	305	16,065	4.5	720	

David L. Landis							
Diane	RH	7-9	305	19,708	3.6	718	
Clarbel	GrH	9-0	291	19,099	3.6	692	
Faye	GrH	3-10	305	16,930	3.9	656	
Hiram S. Aungst							
Frances	RH	8-1	305	18,938	3.8	713	
Lily	RH	12-8	305	17,649	4.0	698	
Deb	RH	5-8	305	17,595	3.9	689	
Thomas C. Lapp							
Teresa	RH	3-8	305	14,992	4.7	710	
Melvin M. Groff							
Bertie	RH	8-6	305	20,760	3.4	704	
Kenneth E. Zurin							
Miss 65	RH	4-9	305	16,587	4.2	704	
Linda 66	RH	7-7	305	18,046	3.8	685	
Binky	RH	11-10	305	17,488	3.9	683	
Joseph C. Wivell							
Bonnie	RH	4-11	305	16,375	4.3	702	
Mary	GrH	3-11	305	14,709	4.6	677	
Alice	GrH	5-7	305	19,189	3.5	672	
James Stoltzfus							
Cora	RH	5-7	305	15,763	4.5	702	
Mar Mulldale Farms							
Vivian	RG	5-4	292	14,678	4.8	701	
Nathan E. Stoltzfus							
Frona	RH	5-1	305	20,601	3.4	700	
Julyn	RH	7-10	305	19,183	3.6	687	
Paul S. Horning							
Quentin	GrH	3-5	302	18,467	3.8	698	
Clair M. Hollinger							
Marle 14	RH	8-6	305	20,253	3.4	697	
Ona 47	RH	3-5	305	14,323	4.6	652	
Earl N. Landis							
Ginger	RH	4-1	305	18,803	3.7	696	
Aimie	RH	3-6	305	18,885	3.6	683	
Ben S. Stoltzfus							
Blosson	GrH	3-9	305	17,397	4.0	695	
David W. Sweigart							
155	GrH	6-3	305	18,220	3.8	694	
120	GrH	5-4	305	14,604	4.4	637	
Marvin S. Nolt							
31	GrH	3-4	305	17,954	3.9	694	

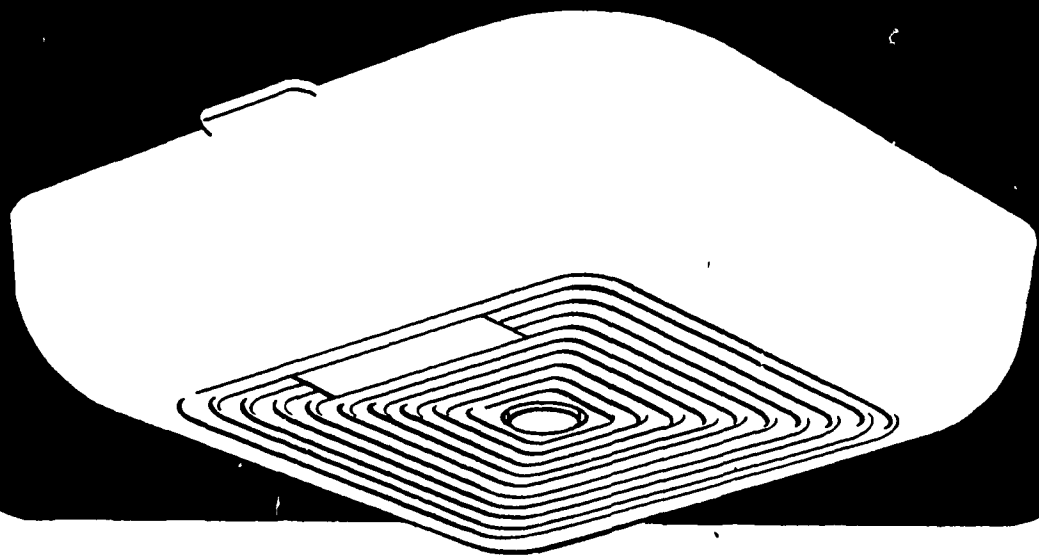
Bruce H. Hershey							
Sharon	RH	6-7	305	17,715	3.9	692	
Elmer H. Weber							
Barbara	GrH	6-4	305	17,779	3.9	690	
John O. Stoltzfus							
Tidy	GrH	3-6	305	18,721	3.7	689	
J. Mowery Frey Jr.							
Contesa	RH	6-6	305	17,906	3.8	689	
John Omar Stoltzfus							
Leader	RH	6-5	305	19,443	3.5	688	
Sally			305	17,135	3.7	642	
J. Harold Musser & Son							
Anet 27	RH	4-0	305	15,772	4.4	687	
Albert Breneman							
Kimberl	RH	6-7	305	20,025	3.4	685	
Paul & Norman Sauder							
Mabel	RH	2-4	305	14,605	4.7	684	
Daphne	RH	3-5	305	17,865	3.7	653	
Joseph Eshleman							
Stacy	RH	6-0	305	15,839	4.3	682	
Harold B. Good							
Belle	GrH	8-1	305	19,606	3.5	680	
Moses L. Lapp							
Wanda	RH	4-6	291	17,795	3.8	679	
Kenneth A. Skiles							
Kim 16	RH	4-9	305	19,580	3.5	676	
Allan R. Shoemaker							
Sandra	RH	5-3	305	18,426	3.7	674	
Molly	RH	2-4	305	16,461	3.9	637	
C. Kenneth Young							
13	GrH	6-7	305	15,387	4.4	674	
William P. Arrowsmith							
Snoflak	GrJ	3-8	305	13,638	4.9	674	
Opal	RJ	5-6	305	12,252	5.2	635	

[Continued on Page 92]

Over one-half (54 per cent) of the U.S. milk supply is used for manufactured dairy products, with 22 per cent going into cheese.



FREE SMOKE ALARM



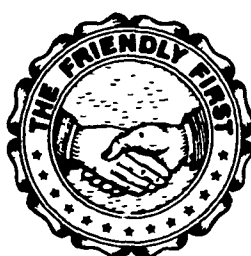
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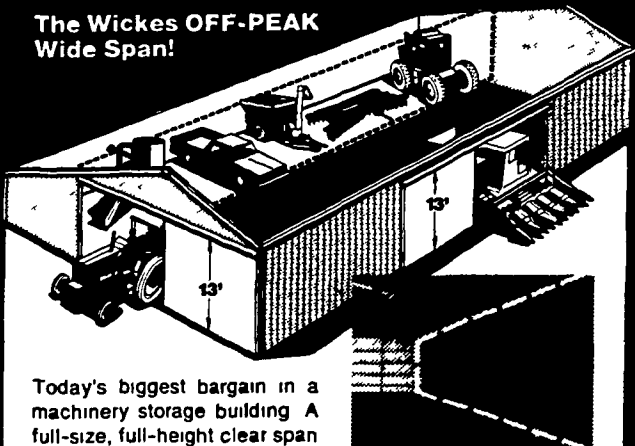
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Willier joins Carnation Genetics

LANCASTER, Pa. - Gary A. Willier has been named regional sales manager by Carnation Genetics.

Phil Jayne, director of marketing for the international livestock artificial breeding company, said that Willier will be in charge of the northeastern portion of the United States.

Before joining Carnation Genetics, Willier was an area manager for a national silo manufacturing company. Prior to accepting that position last year, he had pursued a career in the artificial breeding industry. "In his new capacity,"

said Jayne, "he will be in charge of all our operations in Maine, Vermont, New Hampshire, Massachusetts, New York, Maryland, New Jersey, Delaware, Rhode Island, Pennsylvania, West Virginia, Virginia, North Carolina, South Carolina and most of Ohio."

Willier received both his bachelor's and master's degrees in dairy science from Penn State University. While at the University, he worked as a Summer assistant county agent. As a graduate student he taught animal nutrition as well as

conducted research work in dairy science.

For eight years he held a position as first a district sales manager and then a regional sales manager with another breeding service.

"We're delighted Gary Willier has decided to join our company," said Jayne. "His extensive experience in sales management, sales training, sales supervision and sales forecasting will be of great value to our customers as well as our company."

Willier's continued educational background includes attending sales



Gary A. Willier

workshops conducted by Sales & Marketing Executives of New York, completing Dale Carnegie sales training courses, and studying at ag marketing seminars with Stevens Associates of Madison, Wisc.

Besides being active in trade associations, he has always show a strong interest in community affair. Local organizations to which he has belonged include being chairman of the citizenship committee of Verona, Va. Kiwanis Club, on the administration board of the St. John's United Methodist Church and a

member of the Lititz, Pa. Jaycees.

With his wife and their two children, Jennifer and Julie, he will make his home in Lancaster, Pa., area, where he will continue his hobbies of tennis, bicycling and reading.

WHAT'S NEW

WEED KILLER

DuPont's "Loro" weed killer is now registered for use in combination with "Surflan" 75W for control of annual broadleaved weeds in soybeans according to Chuck Freed, product sales manager at Du Pont.

This pre-emerge herbicide treatment should not be used on sand or loamy sands nor on any soil containing less than 1/2 per cent or more than 3 per cent organic matter.

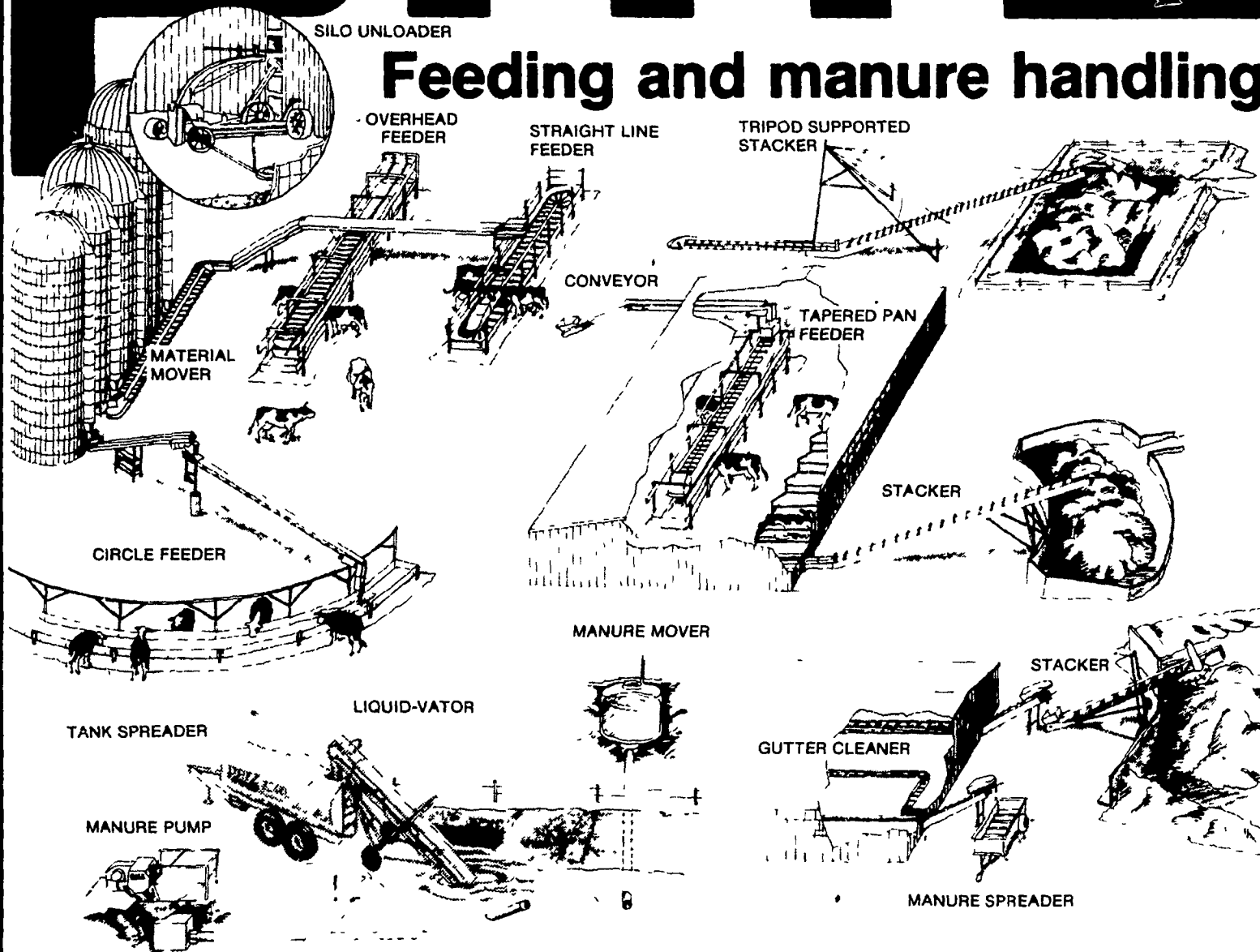
Rainfall within two weeks after application usually improves weed control, but if moisture is insufficient to activate the herbicides a shallow cultivation, preferably with a rotary hoe, is recommended.

Fields treated with this combination may be replanted to soybeans if initial seeding fails to produce a stand, but should not be planted to other crops within four months nor to root crops within 12 months after application.

The "Lorox" "Surflan" combination is recommended for control of many problem broadleaved weeds including velvetleaf and pigweed, and partial control of morningglory, cocklebur, sicklepod and teaweed.

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It may take longer, but it's 4-H thru and thru

By JOANNE SPAHR
LEBANON, Pa.—The projects are definitely 4-H projects, the members are certainly 4-H members, and the smiles are unmistakably 4-H smiles, but there is a slight difference between the Cedar Crest Falcons 4-H club and many others in Lebanon County. For the members of Falcons, which is held every Tuesday in the Cedar Crest Middle School, the time it takes to prepare for their projects is just a little longer and the competition time is just a little more drawn out than usual, but the satisfaction when the work is done is also a little more heartfelt.

What's the difference between the Falcon's 4-H club and most others? In the terms of the professional, its members are EMR's or educably mentally retarded students. In the layman's terms, they're "slow learners", so they require special education, and because of their slowness, they many times can't take part in extracurricular activities scheduled by the school. Therefore, when Pat Krall, Lebanon County youth agent, first approached the school about having a 4-H club in the classroom, the special education teachers, Mrs. Esther Ebright and Miss Sally Vranek, jumped at the chance to take part.

"We were really anxious to have the 4-H club in the school because our students need to have extracurricular activities. Unfortunately, most of the time they can't participate because they can't keep up," Mrs. Ebright explained.

"With a club like this, they can work at their own pace, socialize with the other children, and enjoy themselves," she continued.

This is really the first year that 4-H has been specially designed for the han-

dicapped child. The month of October was the first time the pilot program was tried in Lebanon, Potter, and Butler Counties. When Lebanon took part, they trained 12 leaders, and in February of this year, the club really began in earnest, with 30 members participating.

"We looked through the existing projects and came up with ones that we thought would be good for these children," said Miss Krall. The projects they ended up with were "Start with a Small Change," "Hand-

dyman," "Design with Line," and photography.

The handyman project is made up of simple wood-working skills, and design with line incorporates craft items dealing with lines, such as soda straw weaving, macrame, and making a small loom. Photography is just what it sounds like with the students getting to keep some of their works of art.

The day Lancaster Farming visited the club, the members were all working on different projects. One outstanding craft that many were doing was making a

small hand loom from wood.

At one table, members were saving the wood with the help of Mrs. Evelyn Zellers, Lebanon R4, a 4-H leader, and at another they were pounding in nails.

"It took us two weeks of math class every day to get to the point where they could put the nails in at exactly the right spot by themselves," Mrs. Ebright stated.

Many of the projects are prepared for in this manner. For instance, when the 4-H's were planning on making belts, the teachers used that project as a good medium for learning math skills.

"They had to take their waist measurements," noted Mrs. Ebright, "and they also learned about the various sizes of clothing." Thinking

[Continued on Page 110]



Twin brothers David and Daniel Hogentogler, Mt. Gretna, take part in the 4-H club, and get a lot of smiles from it.



Mrs. Esther Ebright watches as Kathy Rhoads, Lebanon, works on making a hand loom. This project will help the students develop motor skills.



Bamby Garloff, Lebanon R5, who "can't wait" for 4-H club, works on a soda straw belt, which she thinks she will keep for herself, this time.

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100 pound bag	\$16.80
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Ball wide mouth lids - a case of 36 dozen	\$16.75
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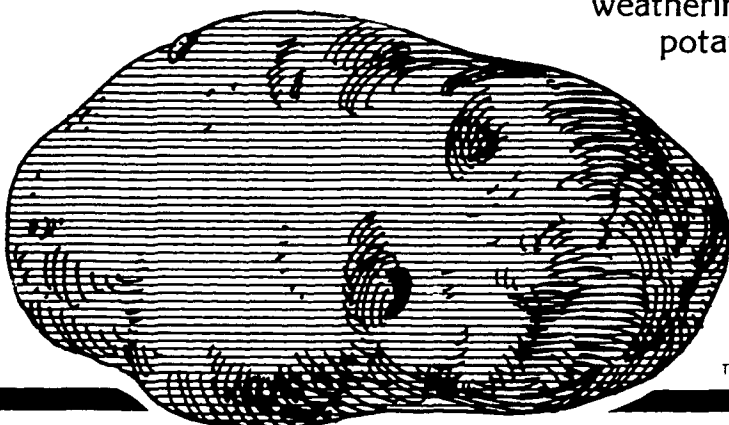
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Paul H. Hursh	GrH	6-1	305	17,788	3.8	673
97	GrH	7-3	291	16,305	4.1	670
77	GrH	3-1	305	16,227	3.9	631
109	GrH					
Warren F. Bollinger	RH	8-4	305	21,675	33.1	671
68	RH					
J. C. Pownall Est.	GrH	7-7	305	18,538	3.6	671
100	GrH					
Jacob E. Lapp	RH	6-4	305	19,196	3.6	669
Mawter	RH					
Ellis R. Denlinger	RH	6-4	305	18,533	3.6	669
Creamel	RH					
Isaac K. Eby	RH	3-5	305	18,686	3.6	667
Daffy	RH					
J. Clayton Charles	RH	3-3	305	16,552	4.0	667
Barb	RH					
Aaron Lapp Jr.	RH	8-8	305	19,309	3.4	666
Patty	RH					
John E. Kreider	RH	9-5	305	18,228	3.7	666
Gerry	RH					
R. Edwin Harnish	RH	9-5	290	16,695	4.0	666
Melody	RH					
Samuel F. King	GrH	4-11	305	16,257	4.1	665
Beebee	GrH	3-5	305	17,908	3.7	660
Maggie	GrH	5-1	305	15,855	4.0	641
Brownie	GrH					
Harold M. Shenk	RH	4-3	305	14,709	4.5	665
Bea	RH					
Melvin L. Beiler	RH	6-8	305	21,250	3.1	664
Bess	RH					
Danda Farms	RH	4-0	305	14,572	4.6	664
Tanya	RH					
Abraham Shelly Jr.	RH	4-11	294	17,802	3.7	661
Angel 2	RH					
Glenn H. Shenk	GrH	2-11	305	19,476	3.4	660
Earla	GrH					
Rohrer Brothers	GrH	5-11	298	18,426	3.6	660
JT	GrH					
Homer G. Hess	RH	5-4	305	17,402	3.8	660
Jan	RH					
Andrew G. Miller	GrH	3-4	305	19,629	3.4	659
Lucy	GrH	5-8	305	19,405	3.3	642
Sara	RH					
J. Douglas Martin	GrH	4-7	305	18,576	3.5	659
149	GrH	4-7	305	18,945	3.4	647
3	GrH	5-7	305	18,531	3.5	640
87	RH					
H. Landis Weaver	RH	6-9	305	16,164	4.1	658
Gloria	RH					
Harry H. Ranck Jr.	RH	5-2	305	20,329	3.2	657
Jean	RH					
John M. Weaver & Son	GrH	3-3	305	19,605	3.4	657
2	GrH					
Carl G. Troop	RH	9-2	305	15,555	4.2	657
Olive	RH	6-1	244	17,098	3.8	642
Pattie	RH					
Harry S. Aungst	RH	7-1	305	19,182	3.4	654
Dottie	RH					
John L. Lanids	GrH	4-7	305	18,260	3.6	653
4	GrH					
P. Robert Wenger	RH	6-5	305	19,257	3.4	651
Robin	RH					
Earl E. Martin	RH	7-7	305	19,629	3.3	649
Elaine	RH					
David McMichael	GrH	4-4	305	16,036	4.0	649
4	GrH					
James F. Myer	GrH	3-7	305	14,791	4.4	648
Grace	GrH					
J. Kenneth Hershey	GrH	4-9	305	18,276	3.5	647
Rhelda	GrH	5-3	305	18,504	3.5	643
Kendra	RH					
LeRoy S. Weaver	RH	10-2	305	19,645	3.3	646
Pammy	RH					
Roy C. Neff	RH	3-8	305	16,161	4.0	646
Reba	RH	6-0	305	20,110	3.2	638
Snowflake	GrH					

Clair M. Hershey	RH	2-10	305	15,938	4.0	645
Libby	RH					
Earl L. Hershey	RH	2-10	305	16,809	3.8	644
234	RH					
Tom Zartman	RH	3-8	305	15,918	4.0	644
116	RH	4-5	305	19,669	3.2	638
114	RH	5-8	305	18,233	3.5	633
130	RH					
Lester J. Wiker	GrJ	6-6	305	16,189	4.0	643
Midge	GrJ					
Ezra & Gerald Martin	RH	4-6	305	18,605	3.5	642
Frankie	RH	3-5	305	17,558	3.6	630
Sonya	RH					
Naaman W. Stoltzfus	RH	3-1	304	15,030	4.3	642
Surprise	RH					
Christian M. Hess	RH	2-10	305	17,162	3.7	641
Stphnie	RH					
James W. Bowman	RH	3-4	305	15,742	4.1	640
Pat	RH					
E. Richard Bruckhart	RH	7-3	305	17,636	3.6	638
Sunshine	RH					
Roy H. & Ruth H. Book	RH	6-3	276	15,590	4.1	637
Apollo	RH					
Nathan G. Stoltzfus	RH	4-8	305	15,094	4.2	635
Barb	RH					
Arthur D. Wenger	RH	6-0	305	17,285	3.7	634
Cherry	RH					
Lester T. Good	GrH	7-3	305	17,018	3.7	634
Thelma	GrH					
Glenn P. Book	RH	4-10	305	16,136	3.9	634
Jill	RH					
Emanuel S. Smucker	RH	4-5	305	14,330	4.4	634
Heidi	RH					
Ivan S. Stoltzfus	RH	3-2	305	16,272	3.9	633
Dennie	RH					
M. G. & P. M. Fahnestock	GrH	4-7	296	15,304	4.1	633
38	GrH					
Glenn E. Burkholder	RH	4-10	305	17,644	3.6	632
Sally	RH					

Maurice F. Welk							
Inez	RH	3-2	305	17,714	3.6	631	
Raymond & Louis Witmer							
Doris	RG	5-5	305	13,407	4.7	631	
Melvin R. Eby							
Pamela	RH	3-1	305	20,833	3.0	630	
Harold L. Weiler							
33	GrH	5-0	305	16,769	3.8	630	
Rufus G. Martin							
RH	29	26.0	86.6	59.3	3.9	2.32	
Dan S. Stoltzfus							
RH	28	39.0	93.6	60.2	3.8	2.30	
Christian Zook							
RH	28	44.0	96.7	59.9	3.8	2.25	
Ben K. Stoltzfus							
R&GrH	57	32.7	95.9	62.7	3.5	2.22	
Harold G. Shelly							
RA	29	14.0	100.0	55.2	3.9	2.17	
J. E. & Shirley Hershey							
RH	31	39.2	93.9	53.5	4.0	2.15	
J. Z. Nolt							
RH	30	32.9	84.9	57.7	3.7	2.15	
Vernon R. Umble							
R&GrH	34	60.9	90.4	53.6	4.0	2.14	
Lancaster Mennonite Hospital							
R&GrH	32	87.4	97.0	53.8	4.0	2.13	

(Continued on Page 108)

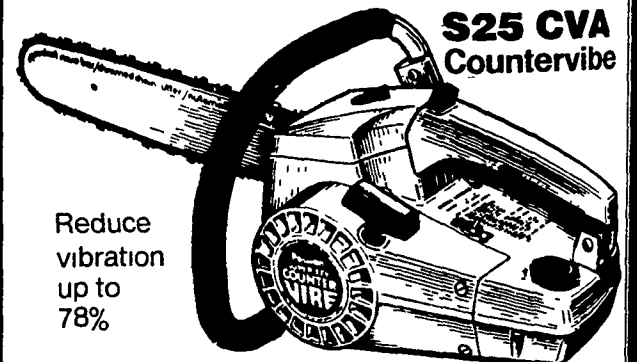
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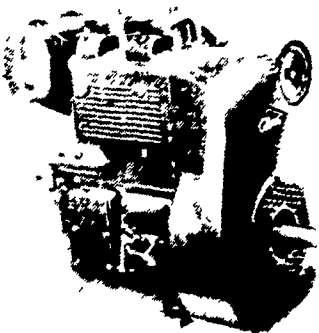
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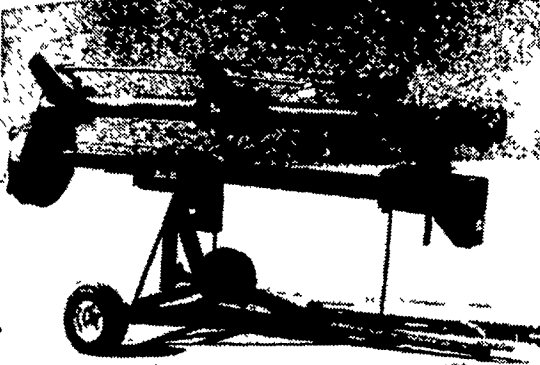
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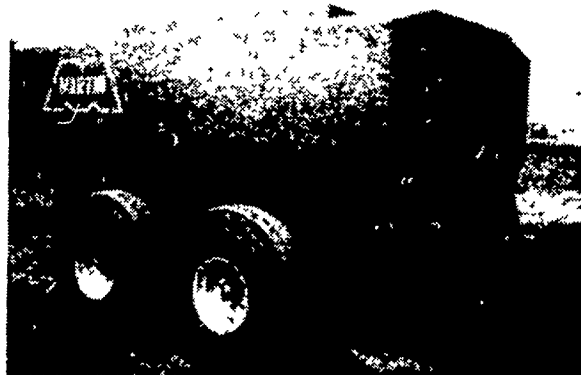


The following features are standard equipment on Martin's Vertical Shaft Pump

- Twin agitator valves
- Agitator valves swivel 270 degrees
- Hydraulic vertical lift
- 19" curved impeller blades prevents wrapping
- Heavy duty 4" tubular construction
- 6" discharge pipe
- Split babbit bearing can be greased while operating
- 6 thru 12 ft. lengths
- 540 RPM shear pin protected PTO
- Optional hydraulic cylinder for lifting

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MODEL V2250 Gal

The following features are standard equipment

- Heavy duty internal chopper type auger.
- Includes Hydraulic cylinder and all hoses
- Includes PTO shaft, jack and ladder.
- Spreaders built and designed to handle manure from free stall barn without adding any liquid
- Rear fan built to handle spread of 45 to 60 feet liquid or thick manure
- Manure tank can be filled with barn cleaner - Scrape off Ramp - Front End Loader or Pump
- Large 12" opening from tank to discharge fan
- Special V-Shape design facilitates smoother flow of manure removal

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STATIONARY AXLE MOUNTING
HYDRAULIC WHEEL LIFT 0 to 36"

The following features are standard equipment on Martin's Lagoon Pump

- 24' to 35' length
- Heavy duty 4" tubular construction
- Split Babbit Bearing installed on outside tube to assure easy maintenance.
- Impeller - 24" Diameter
- Curved blades on impeller require less horsepower
- 6" Discharge and filler pipe
- Pump includes all mounting hardware and hydraulic cylinder for wheel lift pump
- PTO shaft, 540 RPM, shear pin protected
- Brass hubs on wheels

HITCH AND POST TIE STALLS

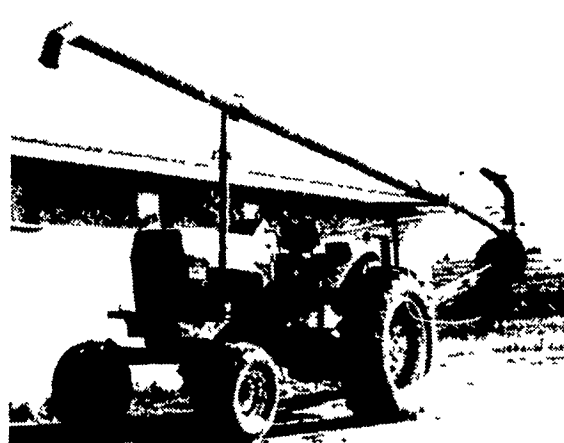


Model 15 tie stall with vacuum line

FEATURES

- Hot dipped galvanized
- Model 15 includes feed divider
- 6" curved curb pipe for greater cow comfort
- Optional rust sleeve available on curb pipe and stall partition

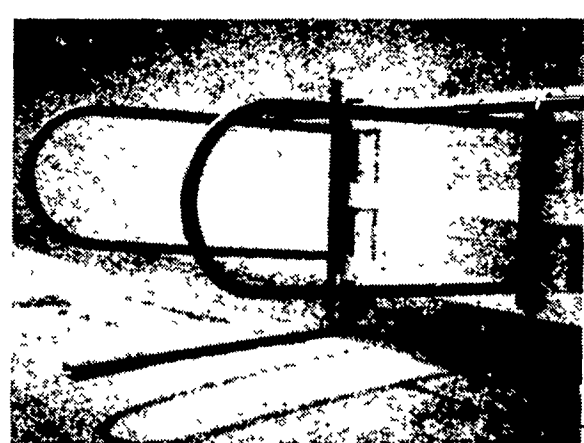
3 POINT HITCH LAGOON PUMP



The following features are standard equipment on Martin's Lagoon Pump

- 3 pt. Hitch Hookup, 20 ft. length, optional lengths available
- PTO shaft, 540 RPM, shear pin protected
- Impeller - 24" Diameter
- 6" discharge and filler pipe
- Directional valve—specially designed to seal under pressure
- Pump includes all mounting hardware and hydraulic cylinder
- Heavy duty 4" tubular construction
- Split Babbit Bearing installed on outside tube to assure easy maintenance

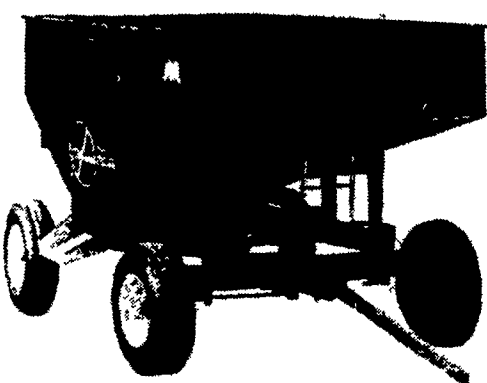
FREE HANGING FREE STALLS



The following features are standard equipment on Martin's Free Hanging Free Stalls

- 1 9 OD pipe for stall and top rail
- Simple conversion from conventional free stalls to hanging stalls
- Maintenance free
- No rusting at the concrete line
- Bedding area cleaning simple - no obstructions
- Installation and removable within minutes

THE EASY HANDLER



- Full length door reinforcements
- Large 24" x 20" door heavy duty steel
- Auto-trip wheel latch locks in any position
- Steeply sloped sides for fast unloading
- Angle iron full length of sill gives box frame more strength and distributes weight evenly
- 2 x 4 Stake pockets for more capacity
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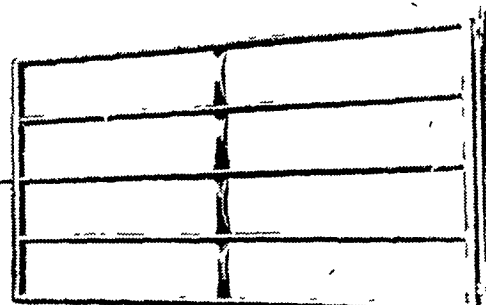
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Eating out challenges dairy industry

ROSEMONT, Ill. - The dairy industry is facing a critical challenge in today's rapidly accelerating trend toward "away-from-home" eating, Alden R. Grimes, executive vice president of American Dairy Association (ADA), told 142 delegates at the recent annual United Dairy Industry Association (UDIA) meeting in Orlando, Florida.

"All our research tells us 'away-from-home' means 'away-from-milk,'" said Grimes, "so we face a serious loss of market if we don't find solutions."

Problem Outlined

According to Grimes, one in every five meals was eaten away from home in 1967. Today, it's one in every three - almost 80 billion meals a year - and growing at a rate of 10 per cent or more per year. (National Restaurant Association figures show 1977 food service business will amount to \$86 billion, or 10.6 per cent more than last year.) By the 1980's, half of all the meals in the country will be eaten away from home.

Grimes also told how a 1971 market research survey indicated 89 per cent of all milk drinking takes place in the home and only 11 per cent away from home. He added that a more recent National Restaurant Association survey of 11,500 eating establishments showed adults and children with a free beverage choice picked milk only one out of 10 times.

"The story is the same in coffee shop chains," said Grimes. "One in 10 picked milk. Meanwhile, we get only a three per cent share among the four major beverages in 'burger chains' - and less than that where juices are offered."

Meeting the Challenge

ADA's executive vice president outlined what he felt was needed to respond to the "away-from-home" challenge.

He said ADA must have marketing research to learn how to sell to and through the food service industry, and that it must be the kind that involves one qualified person calling on the key franchise and chain groups as opposed

to a big statistical survey. In line with this, he announced ADA's board of directors has

authorized it to employ a food service specialist. Grimes further indicated a

food service training program must be developed to show the most important

segments of the commercial feeding business how to sell and profit from dairy products. He said ADA is currently working on a training manual for retail ice cream stores in a joint effort with the International

Association of Ice Cream Manufacturers.

"That's a beginning in a \$600 million segment of commercial feeding that's really making money with dairy products," he pointed out.

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Designed for the tobacco industry and other industries where wooden floored warehouses with limited capacity are involved is the new Pussyfoot lift truck described in sales bulletin MH-814. It is available from the Allis-Chalmers Industrial Truck division.

The 1000-pound capacity PT 1024 pneumatic tire truck weighs only 3300 pounds, but handles 1000-pound loads and has a 63 inch turning radius. Thus, it is suitable for operations with load and floor restrictions.

"PT 1024 Pneumatic Tire Truck" describes engine, fuel system accessibility, frame, hydrostatic drive, brakes, steering, inching capability, mast, operator's compartment, dimensions and maneuverability.

The bulletin is available from the Industrial Truck Division, 21800 S. Cicero Ave., Matteson, Ill. 60443.



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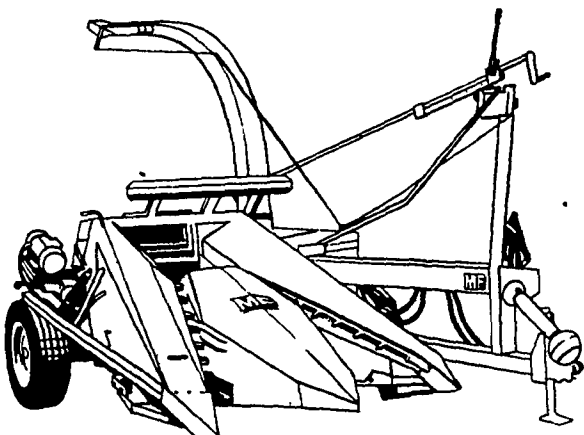


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Vitamin- packed

(Continued from Page 46)

mushrooms. Sprinkle evenly with salt, pepper, and onion. In medium bowl, combine soup and milk, mixing well. Pour over beans. Top with remaining bread crumbs and almonds. Bake in 400 degree F. oven for 30 minutes.

Mrs. Donald Graybill
Stevens, Pa.

SCALLOPED MUSHROOMS

1 to 1-½ pounds fresh mushrooms

1 (8 oz.) package stuffing
¼ to ½ pound cooking cheese

Salt

1 to 1-½ cups cream or milk

¼ cup butter

Saute mushrooms two to three minutes in butter. Grease a two quart casserole. Add by layers: stuffing and mushrooms and sprinkle with salt, then add slices of cheese to cover the top of the layer. Begin again with stuffing, making two to three layers ending with stuffing. Top with cheese. Then pour cream or milk over the top (to be soaked up by stuffing) until the casserole dish is about half full. Bake at 350 degrees F., uncovered for 20 to 30 minutes. Makes six servings.

Mrs. Nancy W. McMahon
Avondale, Pa.

The U.S. Department of Agricultural Food Consumption Survey indicates a 1 per cent increase in cottage cheese consumption for each 10 per cent increase in consumer incomes. Based on projected population and incomes, cottage cheese consumption is likely to increase about 200 million pounds or 25 per cent from 1974-1985. Per capita consumption went up 13 per cent in the past 5 years, and is now 5.3 pounds per year.

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Environmental board moves to allow farmer exemption

HARRISBURG - The Environmental Quality Board late last month approved changes in Department of Environmental Resources water quality management regulations to allow farmers who adhere to practices in a newly-developed manual on Manure Management for Environmental Protection to be exempted from some permit requirements.

The Environmental Quality Board is an independent 21-member panel of executive agency officials, legislators and citizens who approve all regulations to be administered by the Department of Environmental Resources.

The new manual was developed by a Work Group of the Department's Agricultural Advisory Committee as well as the Soil Conservation Service, Extension Service of The Pennsylvania State University, Agricultural Stabilization and Conservation Service, Pennsylvania Farmers Association and others. It describes techniques which can be used in managing manure from all species of animals while protecting the environment.

Under the regulations changes, farmers who use the practices outlined in the manual would be exempted from permits for storing and applying manure.

Nothing in the regulations or elsewhere requires farmers to use the manure management practices outlined in the manual and a farmer may choose to use practices other than those described.

Those choosing to use other practices, however, should check with the appropriate DER regional water quality management office before doing so.

Those who worked on the manual point out that there is no intention to force farmers into a storage-type management system and thus daily hauling still is

Yet despite the nutritional value of milk and its products, the "real" cost of milk has declined. In 1960, 13.1 minutes labor was required to buy one-half gallon whole milk at the grocery. In February 1974, 11.0 minutes were required to buy one-half gallon of milk. Or to put it another way, the "real cost" of milk bought in one-half gallon containers is no more than it was in 1966 or 1967.

acceptable as a manure management technique.

The material in the manual is planned to be sufficient to allow a farmer to design and complete a system without seeking professional help.

Farmers interested in obtaining a free copy of the manual should contact any Extension agent or DER regional water quality management office.

In other action the board moved to adopt new regulations which completely revise the State's regulations on solid waste management.

Approval for the revised solid waste management regulations came after the Board was briefed on comments on the proposed changes which had been received over the past three months and the reaction of the DER Division of Solid Waste Management to those comments.

Rather than making major substantive changes, the new chapter basically sets down in writing the guidelines and operating conditions which were considered and used by DER in the last several years.

The Environmental

Quality Board also approved modifications to the State's erosion and sedimentation control regulations and agreed to publish in the Pennsylvania Bulletin to receive public comment additional changes to the erosion and sedimentation control regulations, changes in regulations for Presque Isle State Park and proposed new topics for consideration in environmental master planning.

Adopted were changes in definitions in the erosion and sedimentation control regulations and a provision that any person or municipality who has applied to a conservation district for an erosion and sedimentation control plan or a conservation plan before July 1 will be considered in compliance with the regulation deadline of July 1, 1977 for plowing and tilling activities in agriculture.

Approved for publication to receive public comment were two provisions of the proposed erosion and sedimentation control regulations. The first indicates that in the case of agricultural plowing and tilling, a landowner is responsible for developing

and implementing the erosion and sedimentation control plan but may delegate his obligation to implement the plan or parts of the plan to a tenant or leasee by written agreement.

The other section revises the criteria for exemption from the permit requirement to say no permit is needed if an earthmoving activity affects or disturbs less than 25 acres or if an activity

involving more than 25 acres is subdivided into parcels of less than 25 acres and earthmoving is undertaken on non-contiguous parcels and the parcels are stabilized before contiguous parcels are disturbed.

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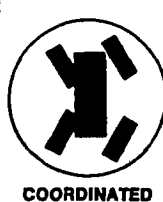
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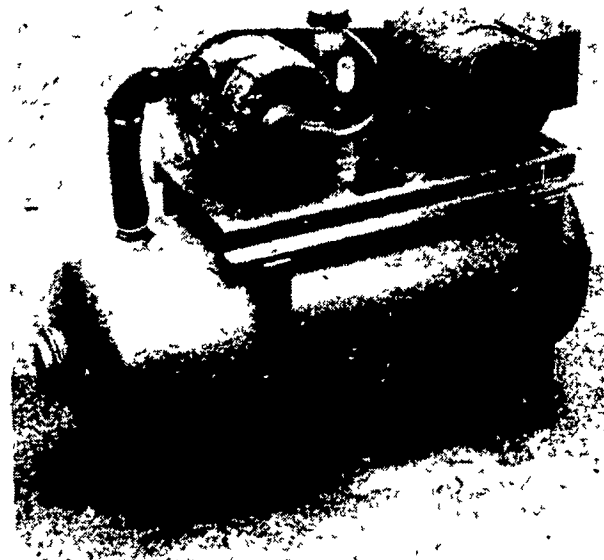
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SAUTE to the DAIRYMEN

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Extension veterinarian offers herd health tips

By DIETER KRIEG

LANCASTER - When buying cattle, always insist on health charts, but don't trust them, Penn State Extension veterinarian Larry Hutchinson advises. Some health certificates aren't what they should be, in other words they're falsified - and a purchaser's best insurance is to have the animals retested 30 days after they have entered his herd.

Such precautionary measures are especially important with respect to BVD, brucellosis and tuberculosis which are "really tough to protect against in case of an outbreak."

Hutchinson informs dairymen that brucellosis "is still with us and something to be concerned about." Calhoun vaccination has been downplayed in recent years, but is now becoming more popular again due to some outbreaks. Nevertheless, "vaccination is at best only a partial answer," says Hutchinson.

If a buyer discovers a disease in his herd, chances

are that he introduced it with a purchased animal, Hutchinson suggests. That's why he stresses the importance of testing and retesting.

Regarding vaccination programs, the Extension veterinarian says age recommendations should be followed closely. "Some European cattle will not accept vaccinated cattle," he goes on to say.

When buying bulls, Hutchinson says it's better to buy young ones which have never been in service. That lessens the chances of introducing diseases into the herd.

In addressing himself to infertility questions, Hutchinson says that problems along that line are often secondary to a disease or nutritional shortcomings.

A cow lacking in the proper proper amounts of TDN, for example, will not come in heat. That's especially true if she's a heavy milker or first-calf heifer. A lack of vitamin A or phosphorus will lessen breeding efficiency. The same may hold true for selenium deficiencies, although that has not been



Dr. Larry Hutchinson

definitely established. It is known, however, that selenium levels are associated with retained placentas.

On anemia, Hutchinson says "we're finding out there are a whole lot more anemic cows around the state than we used to think." Admitting that researchers can't always tell for sure what the cows are lacking, he advises nonetheless that dairymen run some blood counts, check their feeding programs and have feeds analyzed if anemia is suspected. Poor conception rates are closely tied to instances of anemia.

Hormonal imbalances are another area which concern livestock specialists. Improper hormone levels are thought to be responsible for cystic ovaries and weak heats.

Breeding problems aren't entirely related to herd health and nutrition. A closed circuit TV study has shown that a good herdsman

only catches 60 per cent of the cows coming in heat in his herd. Most heat signs take place at night, which explains why so many are missed. Nevertheless, Hutchinson says watching for heats is often a management practice which is neglected. Thus cows are neglected, especially in loose housing situations.

Researchers still don't have all the answers for repeat breeders, but a few pointers suggested by Hutchinson earlier this year at Dairy Day meetings include:

1. Pinpoint the start and end of each heat as closely as possible. Heat periods vary in length from hours to even days. Knowing the individual cycle of problem breeders could be a key to changing their status.

2. Use high fertility bulls on problem breeders.

3. An examination by a veterinarian shortly after heat or during its late stages may help suggest a solution to the problem.

4. Double breeding may help.

Metritis, an infection of the uterus, may be connected to other reproductive problems, Hutchinson tells dairymen. Some suggestions to lessen occurrences of the illness include:

1. Clean calving areas; straw is preferred to sawdust and provides better protection against pathogens.

2. A cow which is nutritionally sound stands a

better chance for overcoming stress periods and avoid illness. But overly fat cows are a potential hazard.

3. If an animal has already contracted metritis, avoid over-treating her. Two possible problems could develop: a. infections could be taken into the uterus when pills are introduced, and b. some medications cause inflammations.

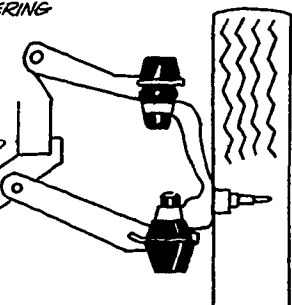
The main thing to remember when handling semen is to do it carefully, says Hutchinson. He urges

that close attention be paid to details, noting that well-kept records are essential when attempting to pinpoint problems or sources of problems. "I don't know how you could breed cows without good records," Hutchinson said.

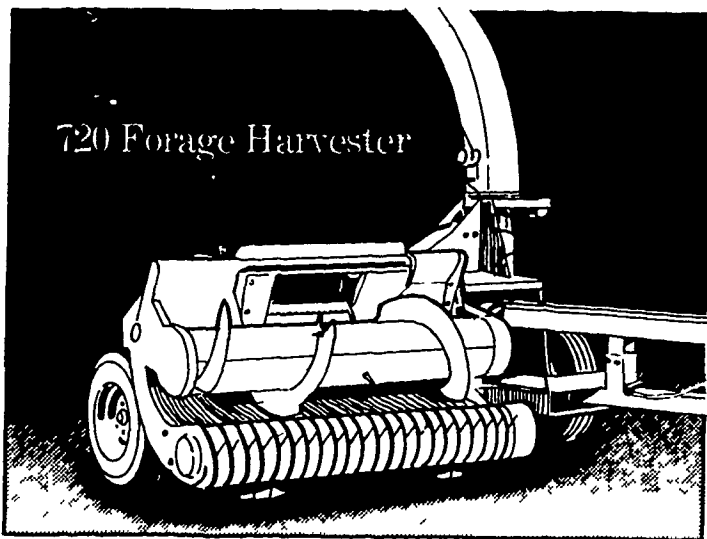
The Extension specialist advises dairymen to be willing to cull some of their problem animals, adding that the big loss associated with breeding difficulties is not the loss in days on the calving schedule, but lost production.

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Merits of goat production testing reviewed

By MARK MOORE
Maryland DHI Supervisor
WESTMINSTER, Md. -
Dairy Herd Improvement or
DHI programs allow owners
of dairy goats a means of
increasing the production
levels of their dairy goat
herd through genetic
selection. By way of official
production records on
individual dairy goats a
permanent production

history of milk and butterfat
poundage can be developed.
Typical daily milk weights
and percentage butterfats
are recorded by trained
testers monthly and the
results processed by
computer to produce total
lactation records in monthly
increments.

There are basically two
ways of obtaining official
DHI records. In the first,

called individual herd
testing, a supervisor or
tester comes to a herd and
records the milk weights and
takes milk samples for
butterfat analysis on each
dairy goat for two
consecutive milkings about
once a month. In group
testing four or more herds
form a round robin type
testing circle in which a
representative from each
herd becomes a tester, for
another herd within the
group. Each month the circle
shifts and the herd is tested
by another of the group. This
test and shift is repeated as
long as the group remains
intact or until new members
are added the group. With
group testing sometime
during the lactation a
surprise test must be
conducted by a supervisor or
tester outside the normal
group schedule.

There are advantages and
disadvantages to both types
of testing. With individual
herd testing the advantages
are obvious. You as a herd
owner will have very little
work or time to put into the

actual testing. The
supervisor or tester,
spending his time arrives at
your herd, measures and
records the output of your
dairy goats. The herd owner
then pays for the time and
service rendered. The
money received by the tester
is in part dependent on the
number of animals in the
herd. The main
disadvantage to this type of
test is simple economics.
There may be a great deal of
difficulty in convincing a
supervisor or tester to spend
time with your herd, which
may be small, when in
nearly the same time he may
test a large herd of dairy
cows with considerably
greater financial reward. In
group testing the main
expense is time, which must
be spent by each herd owner
or representative. Each
month the representative,
who has been trained in
sampling and weight
measurement techniques,
performs the role of the
supervisor or tester in the
individual herd testing
program with the exception

of doing the required
paperwork. Testing
schedules and times are set
in accordance with DHI
rules and guidelines.

This time to be spent may,
by some herd owners, be
considered a disadvantage I
feel however, that one of the
advantages of group testing
and one that cannot be
overlooked is the personnel
contact with other dairy goat
owners that, by nature of the
program, is required.
Everyone in the program is
given an opportunity to get
out, away from their barn
and observe how others solve
common management
problems. With many
owners being relatively new
to dairy goats, myself for
one, the greater an exchange
of information we can
develop the more profitable
and enriching an enterprise
the dairy goat industry will
become.

Irregardless of the type
of testing done, it should be
done. There are a great
number of benefits to be
derived from production
testing. As dairy goat owners
each of us should be
interested in producing our
product, milk, the most
efficient way. That is we
should try to get the most
milk, with the least feed, for
the longest time, and with
the least work possible. As
the lactation continues and
records are returned, the
wise owner can relate the
records to environmental,
health, and feeding factors
and note these factors on
milk production.

Another and perhaps the
greatest benefit from DHI
testing as far as overall
dairy goat improvement
goes is the process known as
sire selection. Using DHI
records of their dams or
daughters bucks can be
selected that will increase
the milk production of your
herd rather than lower it.
For example, you have a
doe, on test of course, that
produced 2200 pounds of
milk, of that 90 pounds was
butterfat or if you prefer 4.1
per cent butterfat. The doe is
bred to a buck with no DHI
records behind him. In the
spring she has triplet does,
they are in turn raised, bred,
kid and go on test. But these
does average only 1800
pounds of milk with a three
per cent butterfat at the
same age and under the
same conditions as the
mother. In addition to
several years of your time,
the production ability or
milk of the original does has
been lost thru genetic
mismanagement.
(Remember we said all

other factors were equal.) If
on the other hand production
records had been available
for the buck selected
(preferably from several
daughters in several
different herds including
your own) which showed a
level of milk production
above that of the original doe
one could reasonably expect
the offspring to have not lost
and hopefully increased in
milk production.

DHI testing is also one
method of obtaining a star
milker certification for a
dairy goat from the
American Dairy Goat
Association. A dairy goat
that can produce at least 1500
pounds of milk or 52.5 pounds
of butterfat in 305 days or
less when she freshens as a
two year old or less can be
given the star certification.
The requirements do
however increase with age
up to about five years of age.

The star program is good
in many respects however as
herd owners of a production
dairy animal we need to look
further into production
records. A DHI program that
continues over several
generations showing the
fluctuation and full
production history can relate
if the time and expense of
developing a high production
line is succeeding.

Another part of the star
program is the one day test
held at milk competitions. A
star is awarded dairy goats
meeting requirements of
milk production based on a
one day test of milking
ability taken at some time
during the lactation. Again
the one day test is good but
only to a point. There are
many questions that can be
asked about the production
ability of a goat that cannot
be answered by a one day
test report. For example,
how long did the doe milk at
that rate? Did she milk a full
lactation or milk only a few
months? Did she peak at that
level for only a few weeks or
hold a high level the entire
lactation? Production
records taken monthly
answers many of these
questions.

Needless to say I am a
firm believer in a DHI
program. To my point of
view if the dairy goat is to
develop to anywhere near
the efficiency I feel they are
capable of, then a lot of time
and energy must be put into
the selection of top quality
production animals. The
DHI program can certainly
go a long way in achieving
this goal. If in some way we
who are in the program can
be of help contact us directly
or through your club leaders.

LAWN SALE

JUNE 10, 11

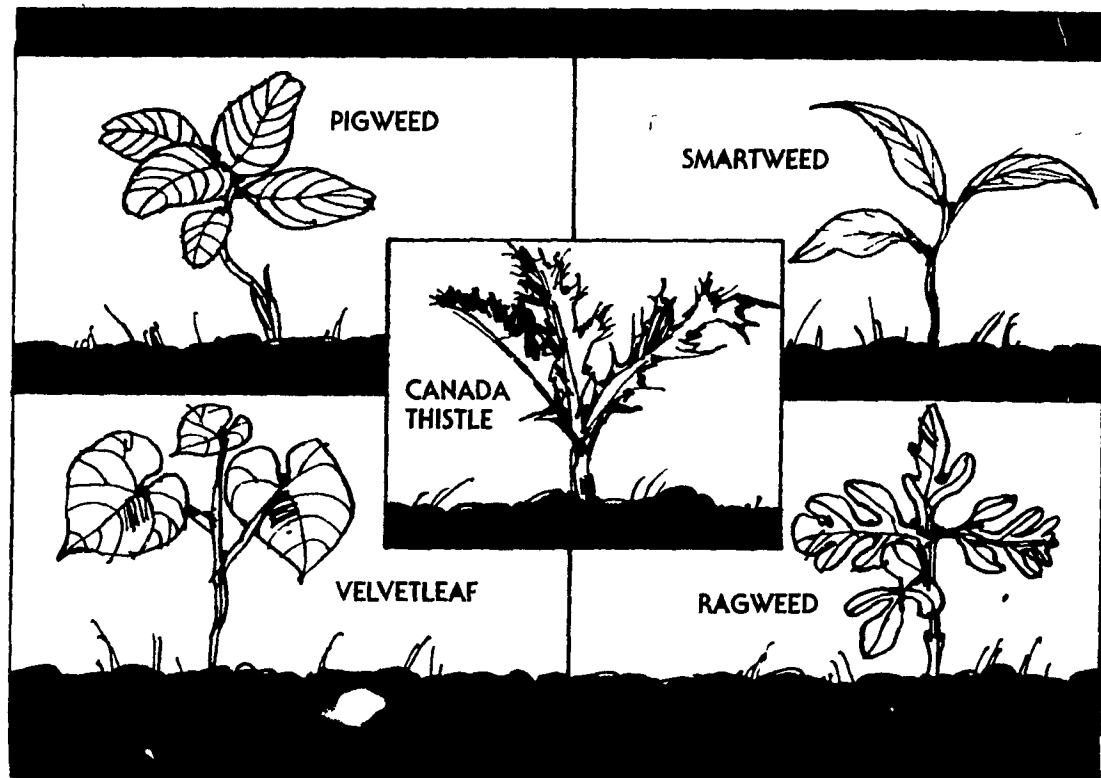
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Delicious dairy desserts

[Continued from Page 47]

2 eggs
2 cups milk
1 teaspoon vanilla
1 teaspoon lemon juice
1 tablespoon flour
Cinnamon

Cream cheese and sugar together. Separate eggs and add yolks to above mixture. Add vanilla, lemon, and flour. Mix well and add milk. Beat egg whites slightly and then add to filling. Pour into unbaked nine inch pie crust. Sprinkle top with cinnamon. Bake at 325 degrees F. for 35 minutes.

Mrs. Warren Hads
Douglassville, Pa.

LEMON DELUXE BARS
2 cups sifted all-purpose flour

½ cup confectioner's sugar
1 cup butter
4 beaten eggs
2 cups sugar
One-third cup lemon juice
¼ cup flour
½ teaspoon baking powder

Sift flour and confectioner's sugar together. Cut in the butter until mixture clings together. Press in 15" x 9" x 2" pan. Bake at 350 degrees F. for 20-25 minutes or until lightly browned. Then, beat together eggs, sugar, and lemon juice. Sift together ¼ cup flour and baking powder. Stir into egg mixture. Pour over baked crust. Bake at 350 degrees F. oven 25 minutes or longer. Sprinkle with more confectioner's sugar. Cool. Cut into bars.

Alice Harris
Milen, Pa.

**LEMON SPONGE
DESSERT**

Juice of one large lemon
2 egg yolks
¾ cup sugar
½ teaspoon salt
4 tablespoons flour
1 teaspoon melted butter
1 cup milk
2 egg whites

Sift together flour, sugar and salt. Blend egg yolks and add lemon juice and milk. Combine liquid and dry ingredients. Beat until smooth. Fold in stiffly beaten egg whites. Pour in a 6 x 7 x 2 inch greased pan. Place in a larger pan with hot water. Bake at 325 to 350 degrees F. for 45 minutes. Serve warm or cold. This makes its own cake and sauce as it bakes. NOTE: This can also be baked in an eight-inch unbaked pie shell for about 45 minutes at 400 degrees F.

Mrs. James Renner
Hatfield, Pa.

LEMON SPONGE PIE
Juice and grated rind of one lemon
3 tablespoons flour
1 cup sugar
3 eggs (separated)
½ teaspoon salt
2 tablespoons butter
1-½ cups hot milk

Cream butter, add sugar, and egg yolks. Beat well. Add flour, salt, lemon juice and rind. Fold in stiffly beaten egg whites. Pour into unbaked nine-inch pie shell and bake 40 to 45 minutes at 325 degrees F. Makes one pie.

Rachel Speicher
Lancaster, Pa.

WALNUT PIE
4 eggs, separated
1½ cups sugar
1-½ cups molasses
2 cups hot milk or part water
1 cup walnuts
6 tablespoons flour
Separate eggs. Beat whites only, beating until stiff. Combine all ingredients, adding egg whites last. Bake at 400 degrees F. for 15 minutes, then turn oven to 300 degrees F. for 20 minutes. Makes two (eight inch) pies. Is delicious served with whipped topping.

Sadie Beiler
New Holland, Pa.

Scholarship deadline June 30

ROSEMONT, Ill. - June 30 is the deadline for applications for the United Dairy Industry Association (UDIA) 1977 scholarship award.

The program, now in its second year, is funded by employees of UDIA and administered by Dairy Shrine Club.

High school seniors interested in careers with the dairy industry are eligible. One student will be awarded with \$1000 towards his or her freshman year study of dairy marketing, dairy manufacturing, home economics, ag journalism, or related field.

Applications for the scholarship may be obtained

from: Miles R. McCarry, secretary, Dairy Shrine Club, Curtiss Breeding Service, Cary, Ill. 60013. phone: (312) 639-2141.

xxx

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Take a giant step toward total weed control. Call about the Banvel + Lasso combination. Remember, the "near perfect" herbicide is the one you build...starting with Banvel herbicide...from Velsicol.

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Banvel® (dicamba) is a translocating herbicide. It is absorbed by broadleaves through roots, stems and leaves. It circulates throughout the plant, destroying growing tissue as it goes. Banvel is very effective against hard-to-kill perennial broadleaves as well as such weeds as Canada thistle (seedlings), morningglory, pigweed, lambsquarters, ragweed, annual clover. Tank-mixed with atrazine, Banvel

takes care of horsenettle. Combined with 2,4-D it even knocks out the super-tough velvetleaf.

Banvel is not a contact, quick-knockdown herbicide. It may require several days to bring certain tough weeds down. But, because it kills from within, it does its job thoroughly.

Late-germinating broadleaf weeds and volunteer vegetation from previous cropping need not lower your corn yield.

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Velsicol is a subsidiary of Northwest Industries Inc.



Dietrich's Dairy takes surplus milk

By LAUREL SCHAEFFER
Berks County Reporter
MUHLENBURG PARK,
Pa. - "The drying process
itself, takes a very short
time," explained Tom
Dietrich, grandson of the
founder of Dietrich's Milk
Products. "When the milk is
brought into the plant it is
pasteurized. After that it
goes into an evaporator
which condenses it down to
45 per cent solids, removing
about one-half the water
content. From these
evaporators it is blown into
large cone shaped dryers
which powders it instantly
by forced hot air.

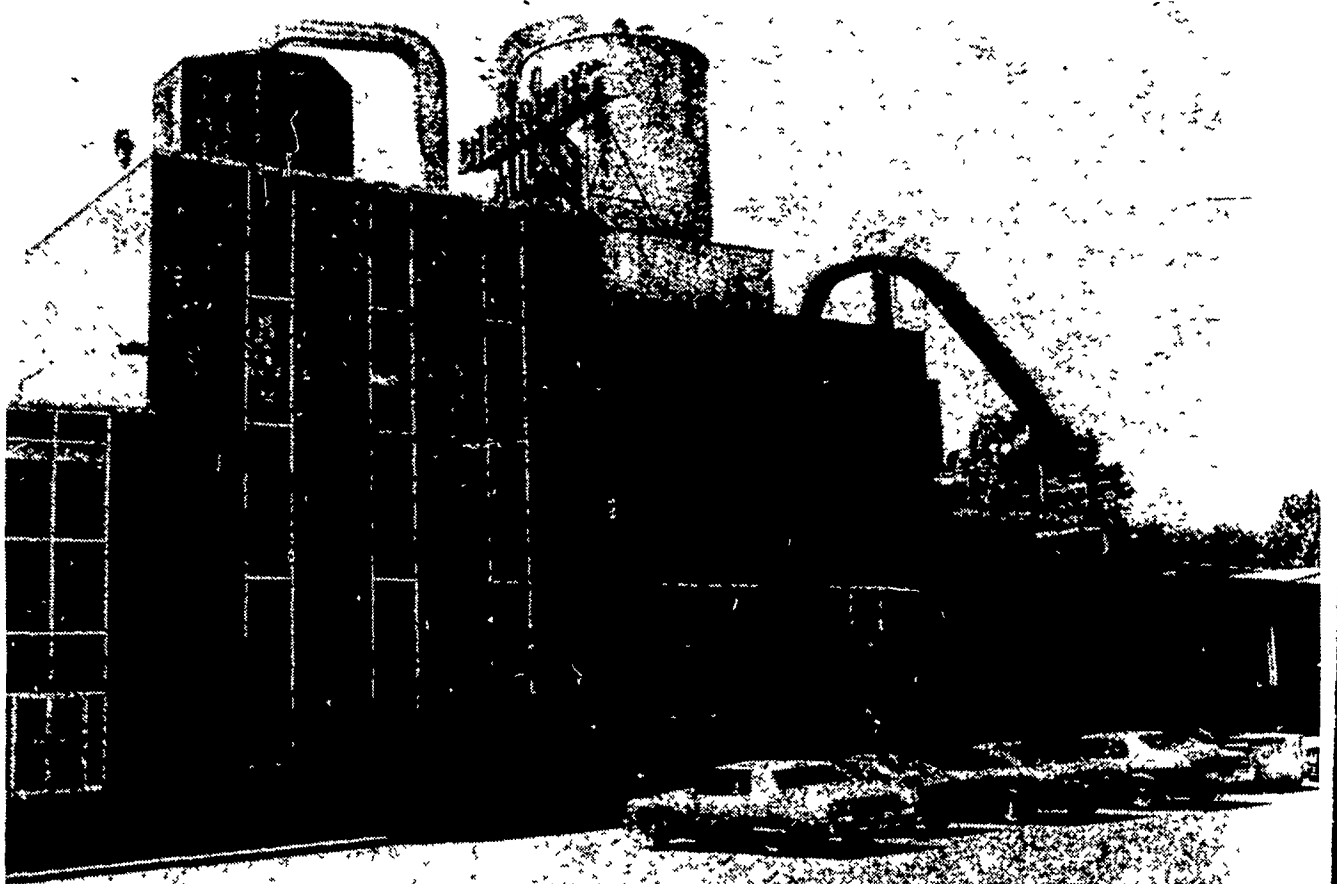
As Dietrich explained the
process of how whole milk,
which is only 12 per cent
solids is dried to a powder of
98 per cent, it sounded
simple. This impressive
family-owned operation has
a maximum capacity for
making 100,000 pounds of
milk powder per day. The
company, which used to be a
small retail fluid bottler for
50 years, did not become
today's powdering plant
overnight.

Started over 50 years ago,
Dietrich's Dairy was a small
local bottler. Not until after
the Second World War did
Dietrich's begin to dry milk,
and that was only a small
basis.

The large dryer presently
in use was purchased 15
years ago, but, explained
Dietrich "we have only come
to our own in the past three
or four years."

"The fluid retail business
was phased out entirely in
1969," Dietrich informed
Lancaster Farming. "We
changed into what our
market demands were, and
what we felt we could do
best," explained the
enthusiastic assistant
manager, an arbitrary title
Dietrich uses to describe his
position. "Titles aren't
needed here since we are
only a small company," he
explained. Presently the
plant is run by the young
man's father.

The milk used for
powdering is surplus
production bought from
cooperatives. Because of
this, the milk does not come
in on a steady basis. When
fluid bottlers are running
their plants there is not
much surplus coming into
Dietrich's, but during



Dietrich's Milk, Reading, provides a home for surplus milk from the Philadelphia marketing area.



[Continued on Page 105]

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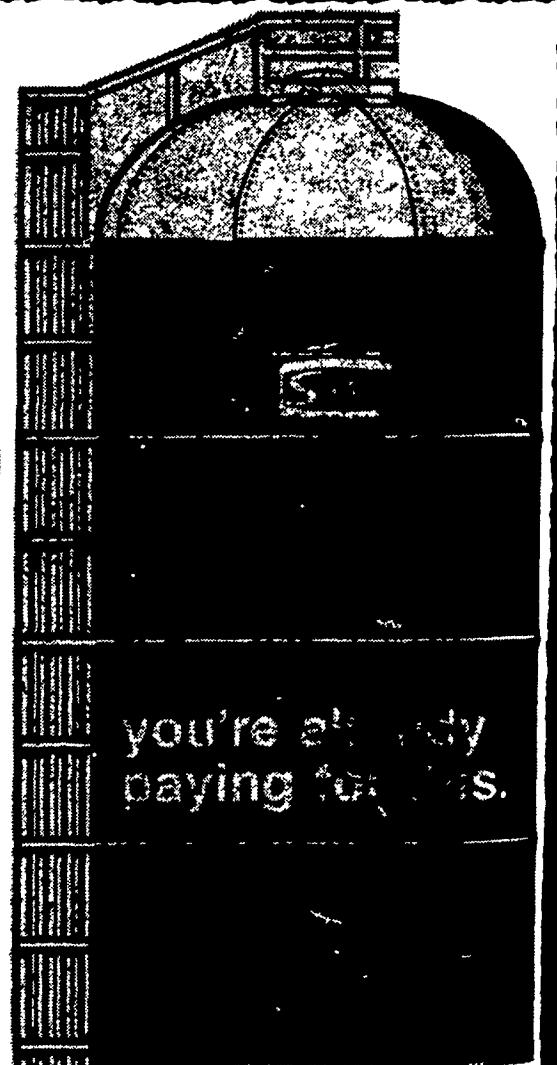


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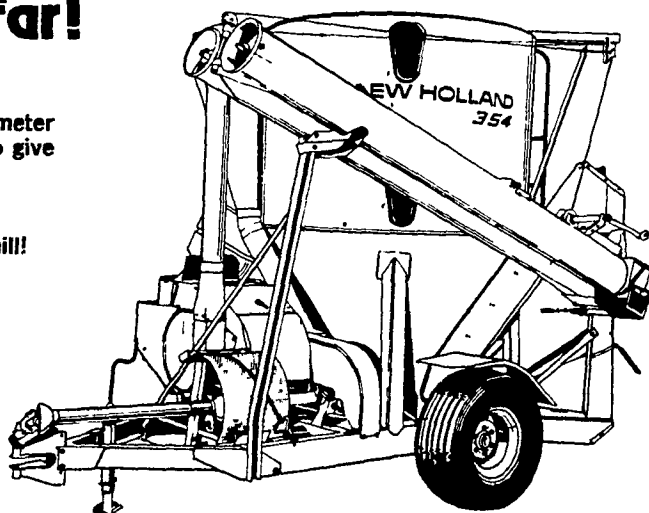
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Also check with your dealer about "Buyer's Choice" Free Gift which is available to buyers of some hay machines during June.

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Balanced feeding stressed

LANCASTER - "You can make your cows comfortable by making sure the bugs in her belly are well fed," says Penn State dairy specialist Don Ace. The dairy scene today, according to Ace, is moving a little faster than many diarmen. Cow feeding is not simple - it takes more than a raw look.

It involves proper balances of minerals, vitamins, protein, among other nutrition factors.

Speaking to area dairymen at meetings earlier this year, Ace discussed the importance of those balances. Too much of a mineral, for example, often causes no particular damage, but has a deadening effect on the palatability of the ration. Minerals have no energy in them - they're just catalysts, buffers, etc., which are necessary to make the system work. "Keeping proper balances is most important," Ace stresses.

"There are too many variations, don't shoot in the dark," Ace advises. "The dairyman today has to be in the position of leading (the cow) not following (her)," the specialist continued. "Don't wait for her to tell you how she likes a new mineral, etc. It may take as much as a year to find out. And it'll take longer than that to get her back on the right track after the bottom has fallen out."

Ace suggests dairymen not use a good thing improperly, especially too much of a good thing. "And if there's a man who will guarantee you results on any item, don't believe him," he went on during a meeting with



Don Ace

dairymen at the Lancaster Farm and Home Center earlier this year.

"Feed cows at calculated costs, not at any costs," the specialist concluded.

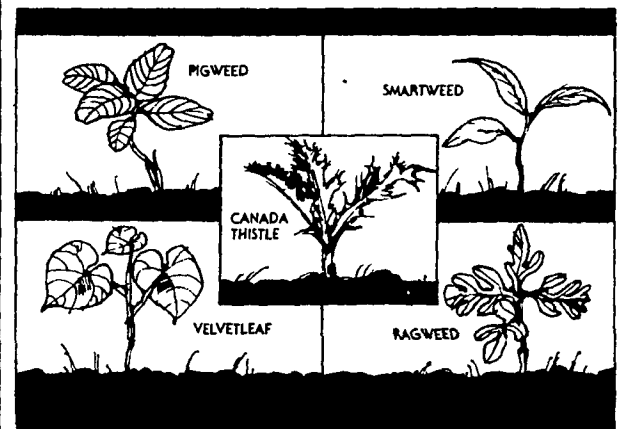
xxx
Over the last 20 years, the output per hour on the farm has increased more than three times as fast as output per man hour in on-farm activities. Whereas one farm worker produced enough to feed himself and 19 others 20 years ago, he can now feed 56 people besides himself.

xxx
Dairying is one of the most demanding jobs in farming. The cows have to be milked morning and night 365 days a year. There is no shutting off the cows for a couple of days vacation. Labor is hard to get for that job, and expensive to keep; so dairying remains largely a family enterprise.

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For post-emergence weed control on corn...

Banvel herbicide...



...alone or tank-mixed with 2,4-D (depending on your weed problem):

- ...to control tough, late - germinating broadleaf weeds.
- ...to cover misses of pre-emergence herbicide application
- ...to get control where weather or other factors make earlier application impossible



to make sure that late weeds cannot mature to become the nursery for next year's weed crop.

Ask us for application details about Banvel herbicide from Velsicol

Note Before using any pesticide, read the label

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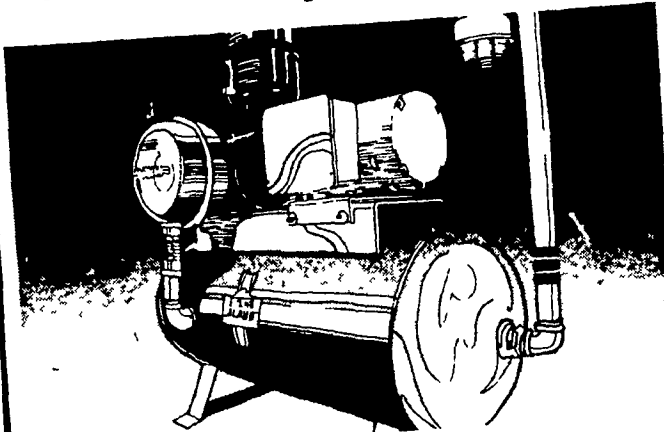
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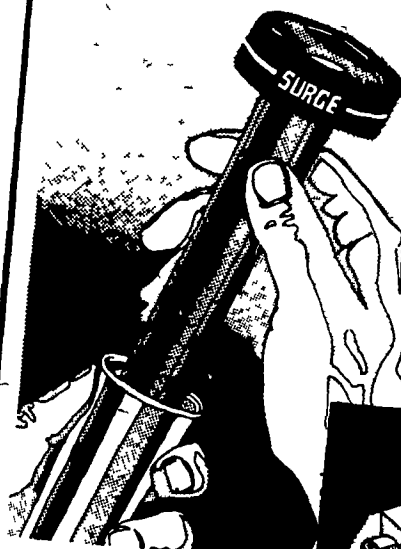
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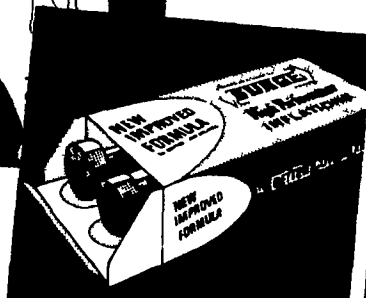


A Surge Alamo
could improve your production
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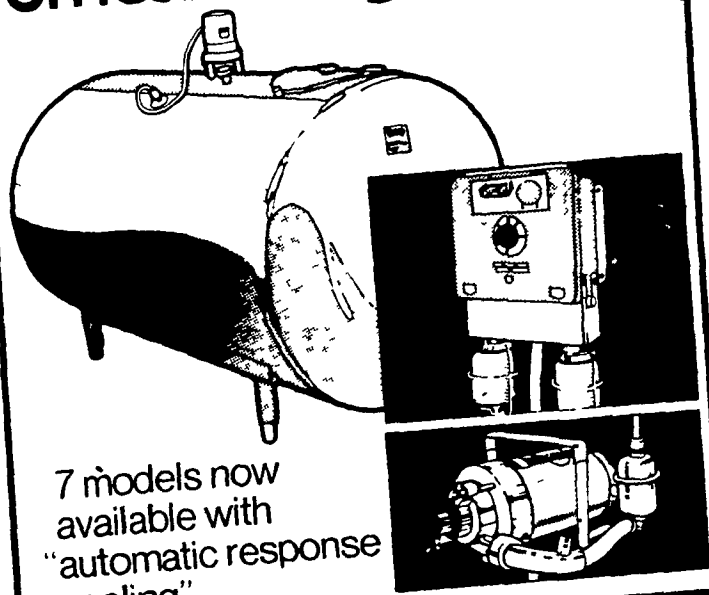
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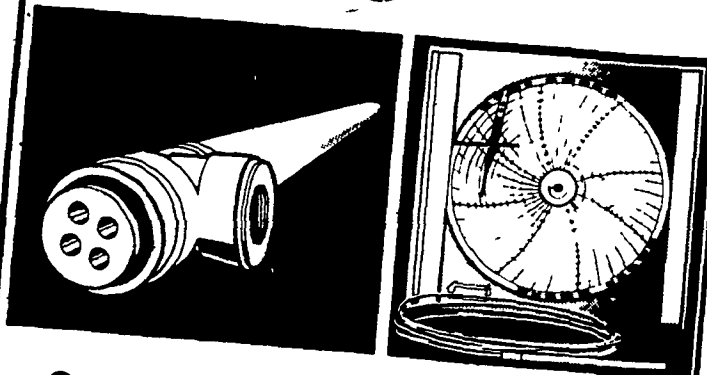


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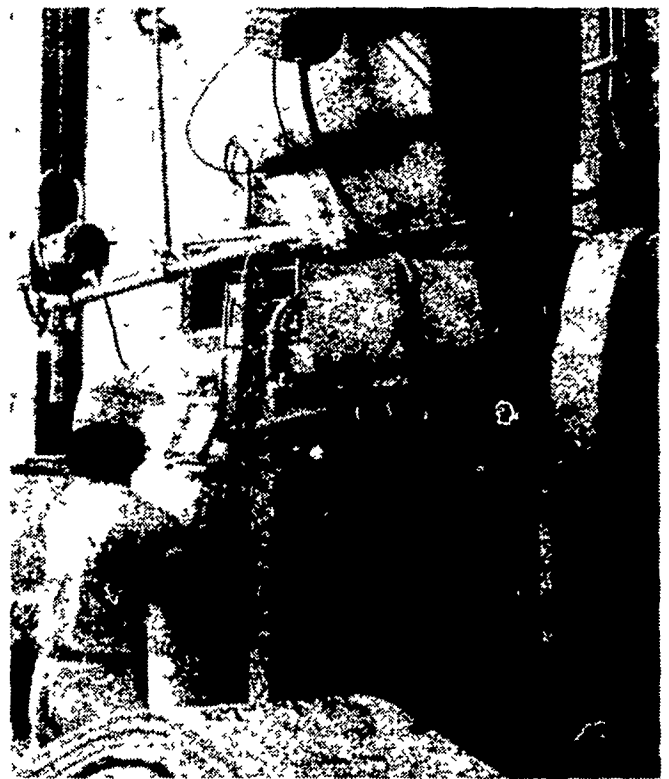
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Powdered milk in bags, such as being filled here, allow a perishable product to be turned into one which can be stored for long periods of time.

These cone-shaped devices turn milk into powder.

Dietrich's

(continued from Page 102)

ends and holidays the surpluses are high. For example, Dietrich said, "we usually don't milk on Thursdays or Fridays and sometimes on Monday mornings, but on Friday afternoons the milk is very heavy." That's why Dietrich has a large space for 2 million pounds of milk. It helps to keep the flow. This large space is only enough to last

two days, however, Tom added. "When surpluses are heavy we run the plant continuously, such as in the Spring months," the manager explained.

In continuing his explanation Dietrich stated that the end of May seems to be the peak of production. "During Summer months the heat and dry weather decreases our supply, he continued. "Last Summer we were only running the

powdering plant two or three days a week."

Holidays also increase surplus supplies. That's because people don't stay home and they tend to eat out more often, he added. "And no one orders milk with their hamburgers at McDonald's, the manager illustrated.

Most of the powdered whole milk is sold in a 100-mile radius. It is used mainly as an ingredient in the manufacture of milk chocolate and bakery items.

The Dietrich's also have a secondary operation. Besides the drying plant

which runs continuously during this time of year, there is also a small creamery which produces butter. This "small" butter operation produces in the neighborhood of four million pounds annually, Lancaster Farming was informed.

"We have always made butter," Dietrich added, but we have increased production with the demand for butter and the supply of available cream. The butter produced is not packaged by Dietrich's but is shipped to a packer and sold under a different name.

Cream used for churning comes from producers of skim and low fat content milk, which is also bought from the surplus market.

Condensed milk and buttermilk are also sold on a small scale. These products are sold directly to ice cream producers, as an ingredient for their product.

Dietrich's had well-publicized problems during the gas curtailment this past Winter. Presently they are still trying to resolve the matter with the Public Utility Commission. "We want to know where we

stand," explained Dietrich. "We thought we were classified as an essential food processor which are second in importance to residential users, he continued.

The PUC, however, does not have us classified as such, their argument is that our product is not a shelf item. Our stand is that we are serving a market," he added. "If we can't take the surplus milk it would have to be dumped. Two or three million pounds of milk just can't be dumped," he stated, "not environmentally or legally."

Dietrich's have filed papers asking for a change in status and are awaiting a decision. "If they won't classify us with food processors we will have to put in another energy system for drying the milk, said Tom. "This would be very costly and we don't want to do it if it is not necessary," he concluded.

xxx

The dairy cow is the most efficient farm animal in converting forage and grain into food. Every year dairy cows munch a mountain of 13 million tons of byproducts. Because of microorganisms living in their rumen, cows have the unique ability to transform these worthless materials into nutrients that can be used to produce milk. It is estimated that cows can be maintained on a ration of 80-100 per cent non-grain feeds. That makes the dairy cow a truly remarkable milk making machine.

xxx

Although milk is processed it's not an engineered or fabricated food. It naturally has two major components: fat, including fat soluble vitamins, and solids-not-fat, which includes proteins, carbohydrate, water-soluble vitamins and minerals. These nutrients in milk make it a food not duplicated by modern science.

xxx

Dairying in the U.S. is older than the nation itself. First dairy cows came to Jamestown in 1611, helping to end the terrifying starvation. As pioneers moved westward, nearly every covered wagon had its cow following alongside, the family's mobile "food factory."

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Milk cooling process provides free hot water

SPRINGFIELD, Mo. - For many years, at least since the establishment of the Grade A milking parlor, the dairy industry has consumed energy in two contraposed, noncompatible ways: cooling of milk and heating of water. Until recent years, it has been necessary to purchase and expend these two energy necessities separately: water was heated for required prepping of the cows; milk was cooled to preserve quality; water was heated for equipment cleaning...and so on, around the cycle.

To the efficiency engineer, this makes no sense. Heating and cooling are reciprocals, and when both operations are carried on side-by-side, they should be interlocked. In other words, heat extracted during the cooling process should be contributed to the adjacent heating process. What dairymen did, and what most are still doing, is to remove heat from the milk by means of an electro-mechanical process, then dissipate that heat by blowing it away with the refrigeration condenser fans, then purchase more energy for the heating of water they need.

Dumping of useful heat is sheer waste, and that's strictly bad news, considering today's electric and gas rates and the serious shortage of all kinds of energy. The good news is that such wasteful and expensive dumping of heat is no longer necessary.

By means of the new Fre-Heater introduced less than two years ago by the Paul Mueller Company, headquartered in Springfield, Missouri, the heat extracted from the cows' milk in the cooling process can be transferred to the Fre-Heater system storage tank, where it is immediately available for use during the prepping-milking-washing cycle.

The heat-exchange method employed by the Fre-Heater in conjunction with the bulk milk cooler is technically

simple: The refrigerant in the system pulls the heat out of the milk in the bulk milk cooler. The picked-up heat from the refrigerant (which includes compression heat added by the compressor) must be invested in something else. In the most common system, fans blow across the hot condenser coils and literally blow the heat away - into the surrounding air.

In the Fre-Heater, however, the condenser coils are immersed in water, and they heat the water, which is circulated into the hot-water storage tank, where it is kept at about 140 degrees until it is needed.

Where hotter water is desired for sanitation of pipelines and bulk milk cooler, some of the already hot water can be boosted an additional 20 to 40 degrees, as required, by means of an auxiliary heater.

Sounds simple, doesn't it - almost too simple, and almost too good to be true, as with most "free things. But it's a fact - the heat in the hot water obtained from the Paul Mueller Company Fre-Heater is literally free. The dairyman has already bought it and will pay for it in the spinning of the electric meter that took place when the milk was being cooled. What the Fre-Heater does is heat all the water the dairyman needs at no extra cost and prevents him from having to pay, again, for the water heating. Thus the registered name, "Fre-Heater."

The Fre-Heater takes the place of one complete compressor-condenser unit. In a typical installation, it may be the only refrigeration unit connected to the bulk milk cooler; or it may be one of two, the other being a conventional compressor with an air-blown condenser; or it may be one of three, the others being the conventional type. Selection of the best combination depends on (1) the volume of milk being cooled and (2) the amount of hot water needed by the dairy operation. While there are

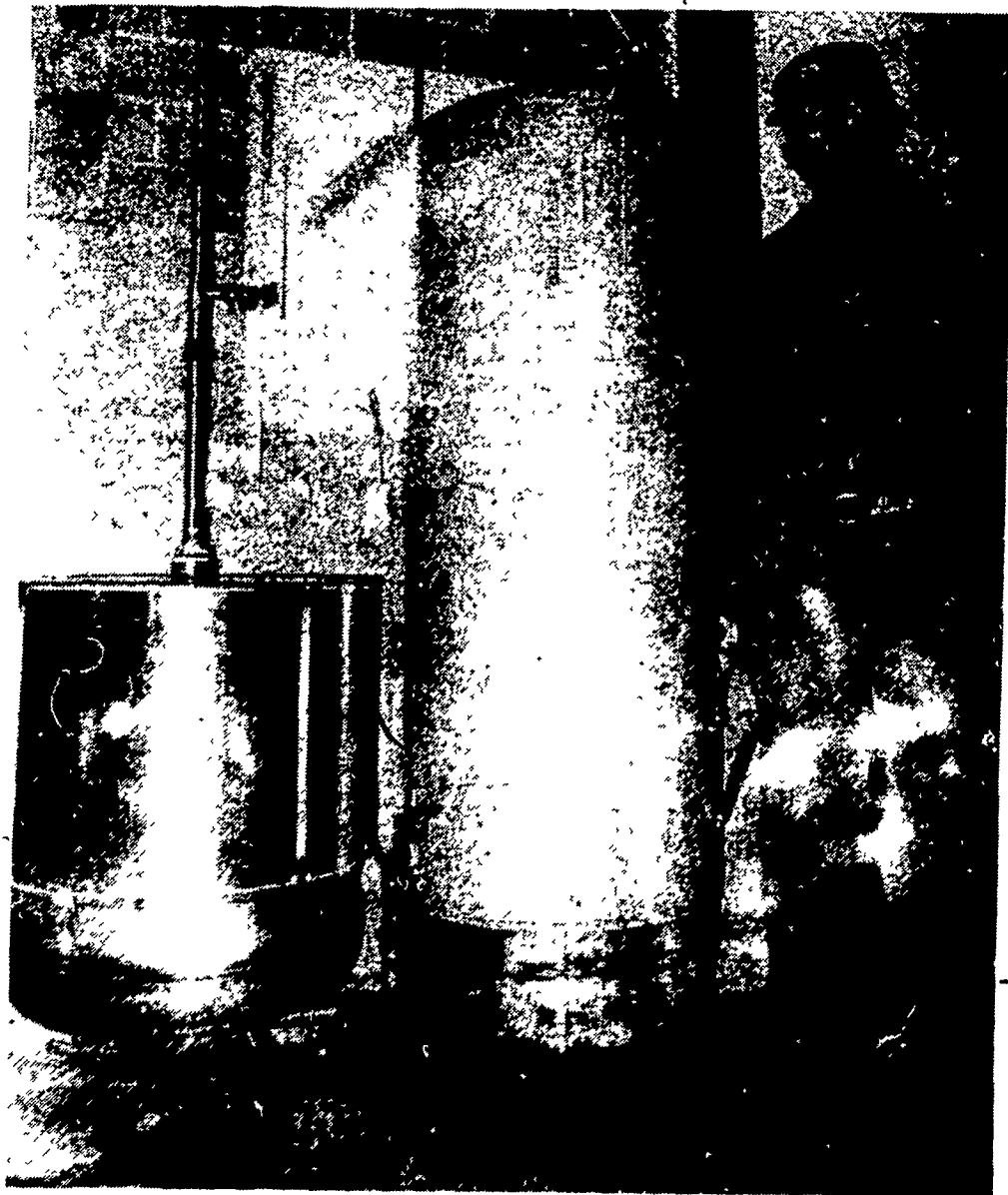
certain variables to be considered, a dependable rule of thumb is a gallon-for-gallon exchange of heat. Assuming that 60-degree well water is being raised in temperature to 140 degrees and 98-degree milk is being lowered to 38 degrees, the Fre-Heater will produce a gallon of hot water for each gallon of milk produced at each milking.

The Fre-Heater is available in two, three, and four h.p. units. The unit normally requires one 120-gallon hot-water storage tank. Two or more hot-water storage tanks may be used for more hot water storage capacity.

Often, a Fre-Heater is installed as a replacement of a single conventional refrigeration unit when a breakdown occurs, even though a second or even a second and third conventional unit may be kept in operation. Again, the deciding factors are the daily volume of milk and the amount of hot water needed by the particular dairy operation. Every effort is made not to increase the total water-usage of the dairy operation.

Until recently, the many dairymen who have bought the Fre-Heater have taken the salesman's word for the savings to be expected. But in the last half of 1976, solid proof of the Fre-Heater's energy- and money-saving ability came to the fore in the form of objective, third-party surveys of widely separated dairy operations. The Alabama Power Company conducted a detailed check of the W. J. Chandler and Sons Dairy at Moundville, Alabama, following the installation of two Fre-Heaters to supply that 226-cow operation with its daily hot-water needs. The power company's division rural specialist, Roland Oliver, reported at the end of the two-month testing period that the Chandlers had cut their electrical peak demand on the power company by 38 per cent. Of more importance to the Chandler profit picture; however, was Oliver's statement at the end of the summer: "I found

[Continued from Page 112]



Several dairymen in Lancaster County have Mueller Fre-Heaters installed in their milkhouses, among them is Raymond Metz. Water is heated to 145 degrees by the compressor unit, left, and then stored in the tank adjacent to it. The regular hot water tank, behind Metz, siphons water off the top of the storage tank. The savings in energy costs are realized from using the compressor energy's to heat water. That energy is generally just blown away by fans in more conventional milk cooling systems.

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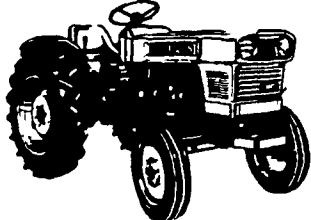
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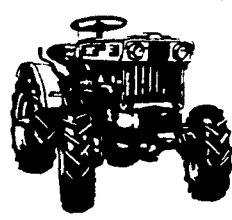
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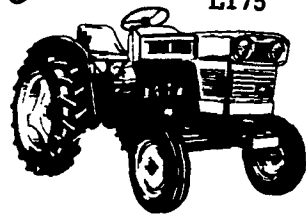
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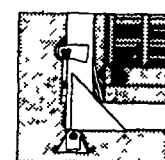
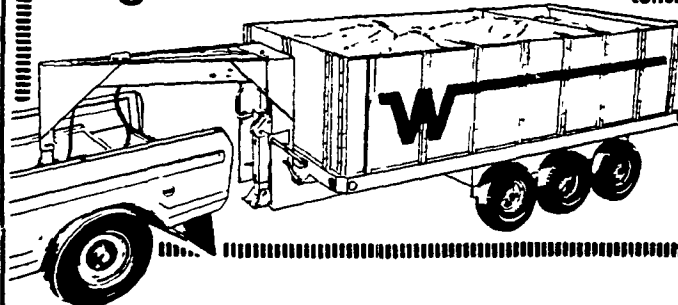
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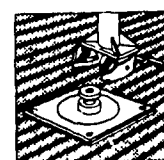
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Bergland hears public's suggestions

WASHINGTON, D.C. - Farmers and consumers caught the ear of Agriculture Secretary Bob Bergland and other top farm leaders when they called in their concerns on the Agriculture Council of America's "Farm Line" last month.

The message from the majority of callers was clear - the concern of farmers is low prices and high costs. Bergland manned one of the twelve toll-free telephone lines set up in the ACA offices for nearly an hour. His staff, three congressmen and one senator were on hand to help

answer the calls from approximately 500 people who got through during the four hour call-in program centered around the topic "Citizen Guidelines for USDA."

Asked to express their opinion on what USDA's number one priority should be, the majority of farm callers answered, "higher prices for our products." When given a list of priorities to rate as the most important, the majority of farmers put "increased international trade" at the top of their list. "Improving the farmers ability to market his products" came in a close second on the priorities listed by farmers. "The desire for better relations with consumers" came through loud and clear as the third most-mentioned concern of farmers.

Consumers most often mentioned "inflation" as the priority they would set for USDA. When asked to rate a series of issues that most concerned them, they ranked "the environmental effect of chemicals and other factors in the production of food at the head of the list."

Callers from 36 states got through on the ACA lines. Not surprisingly, the heaviest volume of calls came from wheat farmers who have been hard pressed by grain surpluses and prices usually below the cost of production.

One woman from a wheat producing state said "you'd better do something fast. So many farmers are selling out in my area that you have to make an appointment with the auctioneer way in advance."

The emotional tenor of her comment was repeated often by farmers seeking some relief. One many said his family saw no way out except by selling their farm, and another caller warned that he foresaw catastrophe in his area unless relief was forthcoming.

Callers had complaints, suggestions and questions for the top farm officials who manned the lines. After his participation on the phones, Bergland told media at a news conference that "This Farm Line is worth its weight in gold."

"There is a common, crippling disease in Washington, Potomac Fever," Bergland continued. "It strikes when you think the world revolves around Washington, and indeed it does not. This program is a method to keep us in touch with the world as it really is."

In addition to Bergland and his top staff, other officials answering the telephone lines included Senator S.I. Hayakawa (R-Calif.) and Congressmen George Mahon (D-Tex.), Fred Richmond (D-N.Y.) and Alvin Baldus (D-Wisc.).

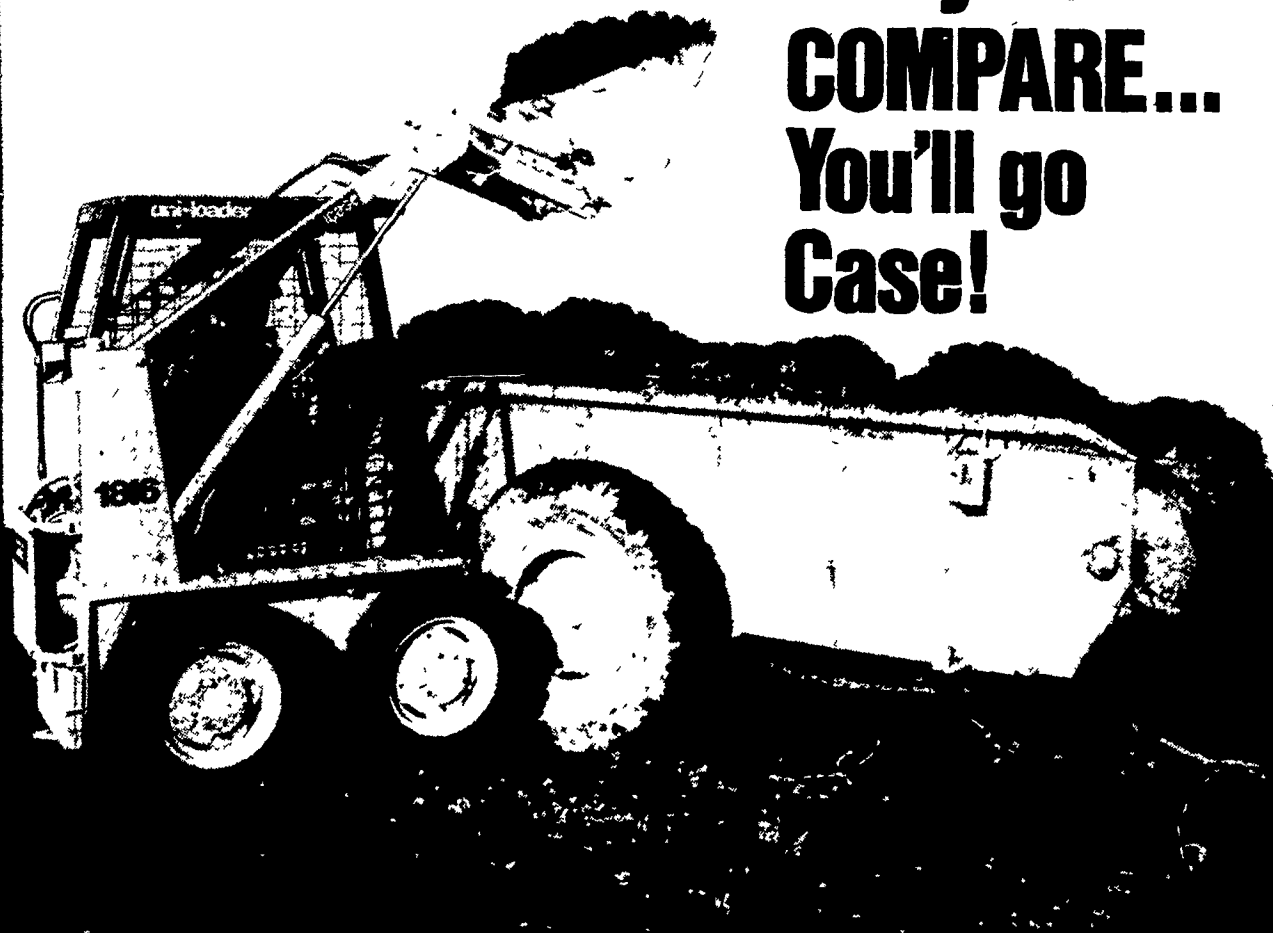
Those who wanted to express their concerns to Bergland but could not get through on the telephone lines are invited to write him a letter. Comments should be addressed to Secretary Bob Bergland, c/o The Agriculture Council of America, Box 23421, Washington, C.C. 20024.

The Agriculture Council of America, a non-profit, non-partisan organization set up to improve communications between farmers and their customers, operates the Farm Line periodically throughout the year. The organization is supported by farmers, farm and commodity groups and by companies who supply the farmer.



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COMPARE:

	Case 1816	Brand A	Brand B	Brand C
Hydrostatic drive	Yes	No	Yes	Yes
Engine HP	16	13	14	16
Controls	2 lever	2 lever 2 pedal	2 lever 2 pedal	2 lever
Operating weight lbs	2029	1880	1935	1800
Standard tires	5 90x15	6x12	5 70x12	5 70x12
Ground Clearance	6½"	4½"	6½"	4½"
Bucket Cylinders	2	2	1	1
Dump reach @ full height	23"	13"	15½"	15"
Length	7'7½"	7'8"	7'9"	7'8"
Width over tires	35"	34½"	35"	34½"

Names of competitive brands and models available upon request from your Case Uni-Loader dealer or by writing directly to Dept. 951 J I Case Company 700 State Street Racine Wisconsin 53404



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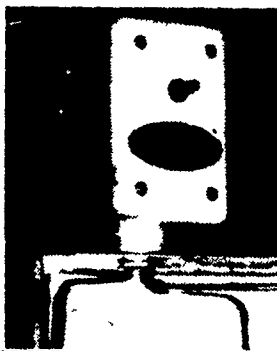
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(Continued from Page 92)

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Samuel E. Beiler R&GrH	39	47.4	96.6	55.7	3.8	2.12	
Samuel F. Long Mix	31	47.8	96.6	54.7	3.9	2.11	
Samuel K. Stoltzfus R&GrH	46	35.5	99.9	56.5	3.7	2.10	
Jonas E. Zook RH	31	35.1	94.6	56.3	3.7	2.10	
Mervin Sauder R&GrH	28	40.0	94.8	59.1	3.5	2.09	
LeRoy Weaver R&GrH	29	42.8	95.6	56.4	3.7	2.09	
John K. Peters R&GrH	32	47.1	85.5	54.4	3.8	2.08	
K. D. & Else Linde R&GrHG	29	45.6	91.4	42.9	4.8	2.07	
Harold G. Shelly R&GrH	29	35.2	96.9	56.4	3.7	2.07	
Curtis E. Akers R&GrH	31	56.5	95.3	52.1	4.0	2.06	
Robert F. & Joan B. Book R&GrH	32	65.5	88.6	57.4	3.6	2.06	
J. Earl Horst R&GrH	33	32.5	89.9	55.0	3.7	2.05	
Earl N. Landis R&GrH	32	52.1	94.4	54.4	3.8	2.05	
John Omar Stoltzfus RH	34	48.9	88.6	52.3	3.9	2.03	
John K. Stoltzfus RH	27	31.0	91.4	55.5	3.7	2.03	
Glenn P. Book R&GrH	33	34.6	90.4	57.7	3.5	2.03	
Earl E. Martin RH	22	36.3	91.2	48.8	4.1	2.02	
J. Clayton Charles R&GrH	29	48.8	98.2	53.6	3.8	2.01	
John P. Lapp RH	36	37.0	93.1	49.0	4.1	2.01	
Ellis D. Kreider R&GrH	35	54.5	88.9	52.4	3.8	2.00	
S.R. Shellenberger R&GrH	30	67.4	84.9	53.2	3.7	1.99	
Parke H. Ranck RH	62	56.3	87.9	48.9	4.0	1.98	
Jacob S. Dienner RH	34	34.4	94.2	54.3	3.6	1.98	
John M. Weaver & Son Mix	32	78.1	96.0	51.9	3.8	1.98	
Russel L. Kline R&GrH	31	33.9	90.7	50.9	3.9	1.98	
Robert Kauffman Jr. R&GrH	61	81.8	91.9	49.4	4.0	1.97	
John B. Stoltzfus Jr. R&GrH	31	31.9	92.6	51.0	3.8	1.96	
Melvin M. Groff R&GrH	31	30.3	96.1	46.8	4.2	1.96	
Ray P. Bollinger R&GrH	27	42.2	95.3	50.2	3.9	1.96	
Arthur D. Wenger R&GrH	27	44.5	88.4	47.4	4.1	1.96	

R. Edwin Harnish R&GrH	30	40.5	91.7	48.2	4.1	1.96	
John A. Brubaker Jr. R&GrH	32	52.5	93.4	51.6	3.8	1.96	
Christian G. Becker R&GrH	31	41.4	91.3	52.2	3.8	1.96	
Elam B. Rutt RH	27	69.1	88.0	48.3	4.0	1.95	
Harold L. Weiler R&GrH	24	37.1	91.8	48.0	4.1	1.95	
D. Lamar Witmer RH	16	14.0	100.0	51.2	3.8	1.95	
Henry E. Kettering RH	30	52.1	89.4	48.9	4.0	1.94	
Alvin K. Bollinger RH	28	14.0	97.7	49.7	3.9	1.94	
Donald R. Bare RH	30	61.3	86.4	48.7	4.0	1.94	
Naaman W. Stoltzfus RH	36	30.0	93.7	46.3	4.2	1.94	
Dienner Farm RH	16	37.0	100.0	50.3	3.9	1.94	
Ivan S. Stoltzfus R&GrH	36	42.7	89.8	49.3	3.9	1.93	
C. Witmer Sherer RH	32	41.3	85.2	48.4	4.0	1.93	
J. Wilmer Conrad R&GrH	28	40.5	90.5	50.7	3.8	1.93	
Paul S. Horning R&GrH	30	52.3	83.3	53.2	3.6	1.93	
Willis M. Martin R&GrH	31	50.9	94.2	50.1	3.9	1.93	
Nelson E. Martin RH	34	39.8	86.6	48.4	4.0	1.92	
Rhelda & Lynn Royer RH	29	53.8	83.5	47.6	4.0	1.92	
Paul B. Zimmerman RH	40	38.4	82.7	46.5	4.1	1.92	
Furry H. Frey RH	28	42.3	82.4	46.0	4.2	1.92	
William F. Guhl R&GrH	28	65.8	94.6	49.6	3.9	1.92	
J. Mowery Frey Jr. RH	30	87.6	84.2	47.9	4.0	1.91	
Gusty Crest Farm R&GrH	29	31.8	89.5	48.7	3.9	1.91	
Paul V. Nissley R&GrH	28	64.5	85.1	47.3	4.0	1.91	
J. Nelson Sangrey R&GrH	33	31.8	83.6	51.4	3.7	1.91	
Robert L. Shelly R&GrH	27	30.8	91.3	45.5	4.2	1.91	
David S. Smucker R&GrH	33	31.0	96.3	51.4	3.7	1.90	
James A. Hess RH	28	45.4	87.2	51.8	3.7	1.90	

Irvin B. Weaver Mixed	29	34.4	96.5	49.0	3.9	1.90	
LeRoy K. King R&GrH	29	30.0	90.0	51.8	3.7	1.90	
Ray & Linda Geissinger R&GrH	31	22.8	86.4	48.0	4.0	1.90	
Isaac K. Eby RH	36	39.6	90.5	49.3	3.8	1.89	
Paul E. Martin Mix	31	38.7	87.5	48.0	3.9	1.89	
Andrew G. Miller R&GrH	27	40.0	92.1	55.6	3.4	1.89	
Ivan M. Hursh R&GrH	30	42.8	88.8	49.2	3.8	1.89	
Glenn E. Burkholder R&GrH	32	60.7	91.5	49.4	3.8	1.89	
Reuben L. Stoltzfus R&GrH	32	33.4	96.1	47.6	4.0	1.89	
John S. Beiler R&GrH	33	31.8	89.9	51.0	3.7	1.89	
LeRoy M. Oberholtzer R&GrH	32	38.8	92.3	52.5	3.6	1.89	
Allan R. Shoemaker RH	33	43.4	93.4	50.2	3.7	1.88	
Conewago View Farms R&GrH	32	54.2	95.5	45.8	4.1	1.88	
J. Harold Musser & Son R&GrH	29	51.3	82.7	47.5	4.0	1.88	
David L. Landis R&GrH	58	53.8	93.4	49.7	3.8	1.88	
H. Landis Weaver RH	30	56.0	90.2	51.0	3.7	1.88	
Neff Brothers R&GrH	63	58.5	90.4	48.8	3.9	1.88	
Raymond & Louise Witmer RG	35	70.00	93.3	39.6	4.7	1.87	
Roy C. Neff R&GrH	35	67.2	95.9	48.3	3.9	1.87	
John M. Harnish R&GrH	33	138.5	84.2	47.7	3.9	1.87	
Harry L. Troop RH	30	42.0	92.4	50.5	3.7	1.87	
Maurice F. Welk R&GrH	33	66.2	90.0	49.0	3.8	1.87	
Lenewood Farm RH	33	50.5	84.7	47.8	3.9	1.87	
Joseph C. Wivell R&GrH	30	81.6	91.4	48.8	3.8	1.87	

(Continued on Page 111)

Even though retail prices of dairy products have increased, the rise has been less than that for all food and less than all other consumer items.



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Nutrition labeling detailed

Lancaster Farming, Saturday, June 4, 1977—109

ROSEMONT, Ill. - July 1, 1975 signalled the end to an era and the beginning of a new one: nutrition labeling. At this time, all foods shipped by interstate commerce which carry a nutritional claim must

contain a listing of all calories and nutrients per serving.

January 1, 1975 was the original date set for the new regulations to go into effect. However, most companies did not have enough time to comply with the new law.

The federal government then extended the date for compliance six months.

The road to nutrition labeling began in the mid-1960's when nationwide studies revealed that Americans weren't eating

very well and that many had "poor diets."

Originally the problem was thought to be common in lower income families; however, the government reports indicated that middle-income families weren't eating much better.

The nutrients most often found lacking were vitamins C, A and calcium.

A subsequent study by the U.S. Department of Health, Education and Welfare revealed a further lack of iron in the blood.

Nearly 30,000 low income families were studied to determine the magnitude of the problem. Those surveyed

revealed a low iron intake which prompted the occurrence of iron deficiency anemia. Both men and women lacked iron in their diet.

This same ten state study by HEW also uncovered other nutritional defects. Pregnant and lactating women lacked sufficient amounts of protein in their system. Spanish-Americans had a major problem with vitamin A. Low levels of vitamin A were found in young adults of all ages. Vitamin C was also found to be lacking.

These findings along with other publicized reports and public statements by nutritionists and welfare workers led to the White House Conference on Food, Nutrition and Health in 1969.

The Food and Drug Administration was charged with the task of working on the conference's recommendations following the White House Conference. From two preliminary reports - one from professional nutritionists and another from concerned consumers - FDA produced several methods of labeling foods.

Their findings were evaluated by a number of associations including the American Dietetic Association and the American Institute of Nutrition.

Following this evaluation, six alternate approaches were sent to groups representing professional nutritionists, consumers, food industry representatives, home economists and dieticians.

These six approaches were tested by consumers through a non-profit research group. The studies revealed which approaches were most effective. The six methods were reduced to three.

Consumer response to nutrition labeling were then tested for a final time to see which method was most acceptable. The final nutrition format was finally published in the U.S. Federal Register, March 30, 1972.

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The Badger Pow-R-Trac unit handles any kind of ration—silage, haylage, chopped hay or concentrate—and distributes it evenly, without separation, to each animal. An economical 1½ HP motor drives the overhead feed carriage back and forth along the full length of a 200' bunk.

Durability: the Badger Pow-R-Trac feeder features a tough pintle chain instead of detachable link chain or belt. Flights are ½" thick, steel-reinforced corded rubber. The heavy-duty 14-gauge steel feed trough can add years of life to your system.

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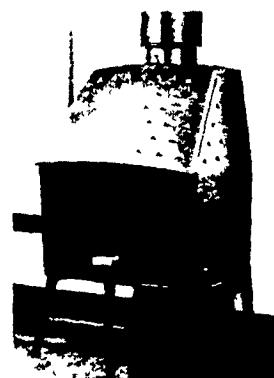
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Cowtown posts rodeo results

COWTOWN, Pa. - The "kick off" for the 1977 Cowtown Rodeo season began last Saturday, with a party for the press and the officials of the R. J. Reynolds Tobacco Co., sponsors of the Winston Rodeo Awards.

The rodeo began at 7:30 p.m. under clear skies, with a crowd of 2500 taking in all the action.

Both Bronc riding events

were won by Kaye Kirby, of Woodstown, N.J. Kaye along with his brothers, Sand and Butch, are among the top 15 professional rodeo cowboys in the United States.

In Saddle Bronc riding Kaye marked a 65 for \$111.72 and in the Bare Back event a 70 for \$150.92. He also placed third in the bull riding for another \$122.50.

Abraham Morris, also of Woodstown, marked a 71 in

the Brahma Bull riding and took home \$245 for top mark and top money for a single event for the evening.

Robert Johnson of Portland, Conn. roped and tied his calf in 11.3 seconds for \$225.40.

Steve Hayde of Staton Island, N.Y. threw his evasive steer in 12.3 seconds for \$237.16.

Judy Clement of Thorofare, N.J. won the Girl's Barrel Race in 17.98 seconds. Judy collected \$182.28 for her efforts.

Ninety-five contestants were on hand to try for the \$2881.20 in prize money. With a ground split in the Saddle Bronc event, 30 of them took home a part of it.

Complete results follow:

Bare Back Bronc Riding

1. Kaye Kirby, Woodstown, N.J.; 2. Stanley Thomas Woodstown, N.J.; 3. Lloyd Dowdy, South Plainfield; 4. Jay Stover, New Holland, Pa.

Saddle Bronc Riding

1. Kaye Kirby, Woodstown, N.J.; 2. Wyatt Crotta, Bethany, Ct.

Ground Split

1. Abraham Morris, Woodstown, N.J.; 2. Andy Harris, Cowtown, N.J.; 4. T. J. Hawking, Poplarville, Miss.

Calf Roping

1. Robert Johnson, Portland, Ct.; 2. Bud Bramwell, Norwalk, Ct.; 3. Bob Bauman, Howell, N.J.; 4. Smokey Smith, Townsend, Del.

**Nutritionists
registered**

SOUTHAMPTON, Pa. - Coleen Greecher and Joanne Gerhart, nutrition Consultants with Dairy Council Inc., headquartered here, have both been awarded the Registered Dietician designation by the American Dietetic Association. They were recently notified that they had passed the three hour examination given in April.

Both conduct nutrition education workshops and programs for teachers, other professional groups and students.

It may take

[Continued from Page 90]

back, she also recalled that they learned to pack a suitcase at the same time when all the different sizes of clothing were in the room.

"You'd be surprised at how many ways there are to pack a suitcase," she said.

Another benefit reaped through the program, according to Mrs. Ebright, is that the hand work helps to develop their motor skills.

"I teach shop in this classroom," she pointed out. "I have to because sometimes their motor skills aren't developed enough to handle tools. So, we prepare them to go into the shop class." Projects like the handyman crafts will be a boon in this area.

But, probably the most important thing about the 4-H club is that it gives the members satisfaction, and pride in their work, along with a gift that they can give to others or keep for themselves.

Bamby Garloff, Lebanon R5, a 15-year-old Cedar Crest Falcon club member, who was working on her third project the day Lancaster Farming visited, said that she was going to keep the soda straw belt she was making.

"I was going to give it away," she said with a big grin, "but my family told me to keep it for myself this time." According to her, her two other projects had been gifts.

For Dr. Marcia Beppler and Frank Bortz, state 4-H specialist who originated the idea to modify the clubs for the handicapped child, seeing the smiles on the

faces of these 4-H'ers is the biggest reward they can get.

"We had had requests to have clubs for slow learners," Dr. Beppler remarked, "and we realized that the materials and the 'learn by doing' concept was perfect for handicapped boys and girls, so we decided to give it a try."

So, about a year and a half ago, these two individuals along with Melanie Milligan, former assistant to the state office, started work on the project which included a guide to help adults understand and feel comfortable with these special students.

The guide included educational material on the similarities and differences between special children and other boys and girls, and stages of development, as well as suggested learning experiences for the leaders to try. For instance, they simulated blindness by putting blindfolds over their eyes, and then tried to do a skill. Exercises such as this were designed to give the new leaders a real "feel" for the students they were going to be working with.

And, so far, the program has been a big success.

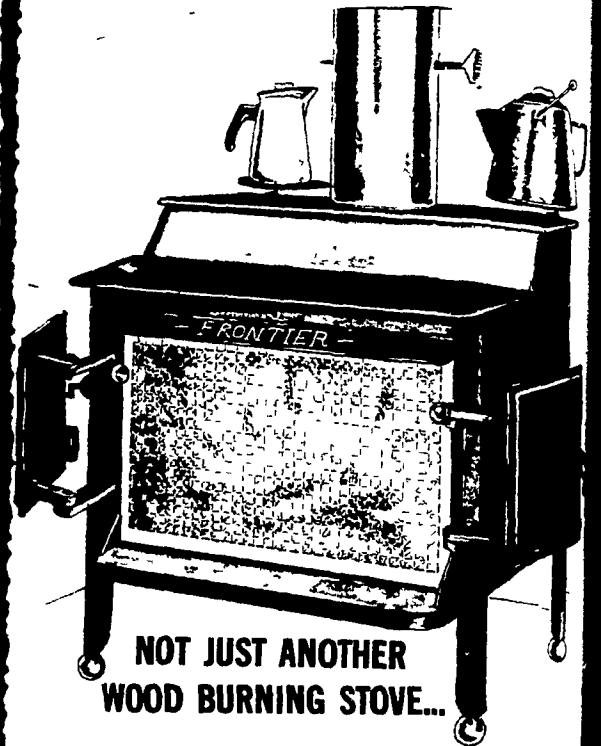
"At first, the boys thought that they didn't want to take part in what might be 'sissy'," said Sally Vranek, team teacher with Mrs. Ebright. "But, now, they know when it's time for 4-H and they get really anxious."

Various members of the club verified her statement when asked what they think of 4-H.

"I love it," one announced with glee. "I can't hardly wait," added another.

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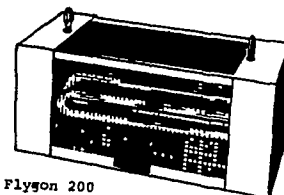
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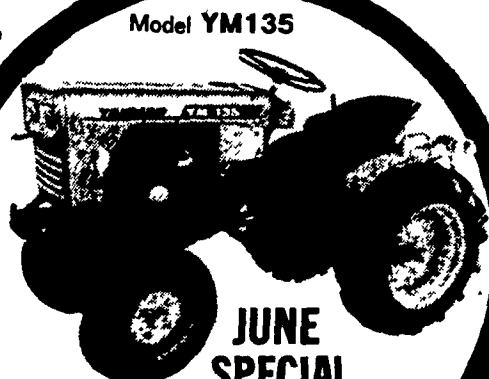
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(Continued from Page 108)

Thomas O. Sensenig	31	37.0	88.4	49.6	3.8	1.86
Fixed						
Manuel S. Smucker	35	34.1	84.8	46.9	4.0	1.86
GrH						
Nevin Hershey	35	33.7	87.3	46.7	4.0	1.85
GrH						
Lee Stoltzfus	34	34.8	83.2	46.8	4.0	1.85
GrH						
Sam S. Lapp	29	35.0	91.9	47.2	3.9	1.85
GrH						
Ray Ranck	35	43.0	94.0	48.2	3.8	1.85
GrH						
Harry S. Aungst	34	54.7	95.0	49.8	3.7	1.84
GrH						
ster E. Landis Jr.	32	34.8	89.0	47.0	3.9	1.84
GrH						
Gold M. Shenk	29	34.0	85.9	44.2	4.2	1.84
GrH						
ur M. Hollinger	34	78.4	89.7	47.7	3.9	1.84
GrH						
Robert Kindig	32	36.0	89.1	46.2	4.0	1.84
GrH						
son H. Wenger	30	31.7	84.2	46.5	4.0	1.84
GrH						

Meadow Vista Farm						
R&GrH	34	101.6	90.7	48.3	3.8	1.84
William F. Guhl	28	65.4	91.5	49.3	3.7	1.84
R&GrH						
Ben S. Stoltzfus	28	44.0	83.4	46.5	3.9	1.83
R&GrH						
Amos L. & Chirs S. King	30	68.0	83.4	48.1	3.8	1.83
R&GrH						
Hiram S. Aungst	27	47.6	91.3	46.4	3.9	1.82
R&GrH						
John L. Beiler	38	45.3	89.0	48.4	3.8	1.82
R&GrH						
Samuel L. Esh	30	35.0	90.4	48.5	3.8	1.82
R&GrH						
Nathan E. Stoltzfus	27	59.0	92.0	42.6	4.2	1.81
RH						
Charles Lefever	28	32.3	81.9	48.5	3.7	1.80
R&GrH						
John O. Stoltzfus	27	33.8	83.8	46.7	3.9	1.80
R&GrH						
Harry Zimmerman Jr.	27	39.0	92.6	45.3	4.0	1.80
R&GrH						
Stephen J. Stoltzfus	42	55.3	86.1	45.3	4.0	1.80
R&GrH						
Donald M. Eckman	30	52.1	86.7	50.8	3.5	1.80
R&GrH						
James C. Weicksel	28	10.0	100.00	44.1	4.1	1.80
Mix						

Lancaster Farming, Saturday, June 4, 1977—111

Ezra & Gerald Martin						
RH	25	46.0	92.6	45.8	3.9	1.79
Joseph DeLong	30	73.4	90.7	42.9	4.2	1.79
R&GrH						
Rohrer Brothers	58	45.3	90.7	45.2	4.0	1.79
R&GrH						
Amos E. King Jr.	61	35.4	89.5	49.5	3.6	1.79
R&GrH						

Supersonic sewers meet

EPHRATA, Pa. - The fourth scheduled meeting of the Ephrata 4-H Super Sonic Sewers was held on May 25 at the Ephrata Senior High School. The club's roundup was discussed and members were selected to serve on committees for the round-up.

Cathy Brubaker, state 4-H Dress Revue winner, will be the guest at the club's meeting to be held on June 8. The next regular meeting will be held on June 1 at the Ephrata Senior High School at 7 p.m.

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Milk cooling process

[Continued from Page 106]

that the Chandlers cut their water-heating energy requirements by 75 percent." The savings will pay for both Fre-Heaters in only 16 months of use.

Further Fre-Heater results can now be quoted from the controlled study made during a 36-day summer period in 1976 by another utilities company, the Wisconsin Public Service Corporation. The carefully documented investigation was made on an 800-gallon Mueller Bulk Milk Cooler that utilized a three h.p. Mueller Fre-Heater for its primary cooling. The installation is owned by the Daniel Stahl Farm, Route 3, Luxemburg, Wisconsin.

Dan Stahl cooled an average of 1787.8 pounds of milk per day, utilizing an average of 21 kwh for that purpose, the test being made at midsummer with many 90-plus-degree days. Average water consumption was 125 gallons per day, only about one-half the hot water gallonage the Fre-Heater was capable of providing, according to the test.

The very cold well water was raised 90.2 degrees by the Fre-Heater - from its natural temperature of 52.8 degrees to 143 degrees. (Stahl's milk marketing order required that the water used for pipeline and bulk tank washing be raised an additional 20 degrees; but including that power usage, the average electricity consumption was only 7.9 kwh-day.)

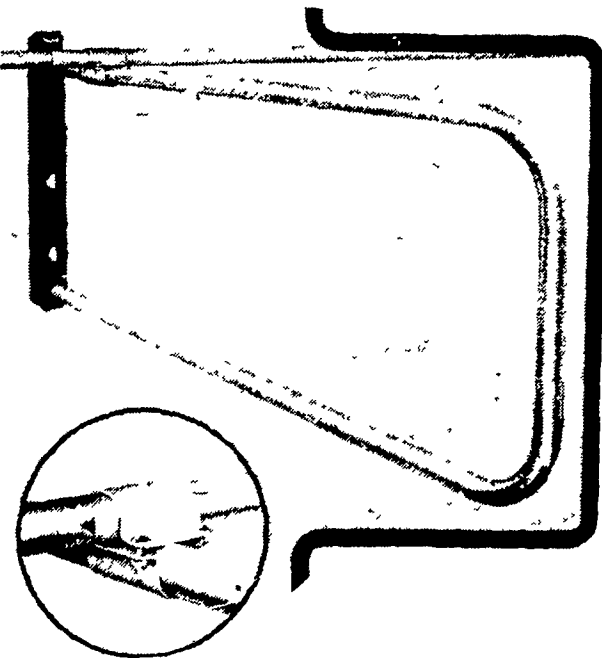
Based on these and other pertinent figures, the power company's rural development consultant who made the survey, J.W. Doperalski, projected that the Mueller Fre-Heater is now saving Dan Stahl \$280 worth of electricity per year at present rates, and he added, "The pay back on the installation will be very rapid."

Doperalski has this further comment on the Fre-Heater: "This appears to be an item of value on the dairy installation where large hotwater demands occur, such as barns with pipeline milking or milking parlors."

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\$89.2 billion spent on farming

WASHINGTON, D.C. - Farmers spent nine per cent more in 1976 than a year earlier to produce the nation's agricultural commodities, according to a report issued by the U.S. Department of Agriculture (USDA).

The total outlay by producers was \$89.2 billion last year, up from the \$81.8 billion estimated by USDA's Statistical Reporting Service (SRS) for 1975. That averaged out to \$32,165 per farm, compared to \$29,172 in 1975.

The largest share of the total production expenditure was credited to feed purchases, 15.8 per cent amounting to \$14.1 billion. A year before the share had

been closer to 15 per cent and \$12.3 billion. Next highest cost was charged to rent, nine per cent, which meant over \$8.1 billion, against 9.8 per cent, and \$8 billion in 1975. Wages and contract labor advanced from 7.7 per cent, \$6.3 billion, to 8.3 per cent, \$7.4 billion. In fourth position among expenditures were fertilizer, lime, and soil conditioners that cost farmers \$7.2 billion, up from \$6.8 billion recorded for 1975 although per cent of total moved down from 8.3 per cent to 8.1. Expenditures for livestock, poultry, and related items took eight per cent for 1976, or \$7.2 billion. A year earlier the breakdown had been nearly nine per cent and \$7.3 billion.

The costs for fuels and energy to produce farm products which represented 5.5 per cent of expenditures in 1975, moved ahead of 5.9 per cent for 1976 accounting for \$5.2 billion.

The SRS summary lists 16 separate categories of farm production expenditures. Of these, seven took bigger

portions of the total outlay in 1976; 8 show declines, and one unchanged.

Single copies of "Farm Production Expenditures 1976" are available from U.S. Department of Agriculture, Statistical Reporting Service, Room 0005 So. Bldg., Washington, D.C. 20250.

MF reports increased sales

DES MOINES, Iowa - Production of Massey-Ferguson tractors worldwide reached 193,300 in 1976, an increase of 17,700 units over 1975.

In its 1976 annual report just published, the company, which is the western world's largest manufacturer of tractors with sales of farm machinery in more than 190 countries, says that the period 1971-1975 was one of unprecedented growth for the farm machinery industry.

Production of MF tractors has increased every year since 1970, and a significant

number of new models has been added. With increased production capacity, the company estimates that its share of the western world tractor market increased from 20.5 per cent in 1975 to 22.5 per cent last year.

The company also makes about 20 per cent of all new combines sold in western markets. In all, 90 factories in 30 countries manufacture the company's products, including diesel engines made by Perkins, which is a member of the MF group. North American operations are headquartered in Des Moines.

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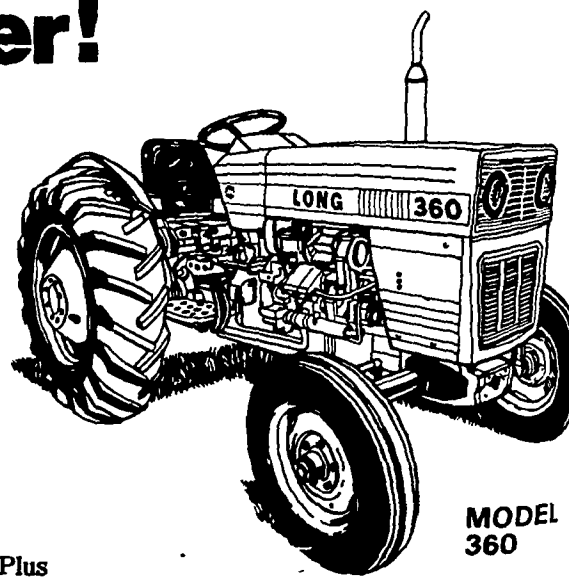
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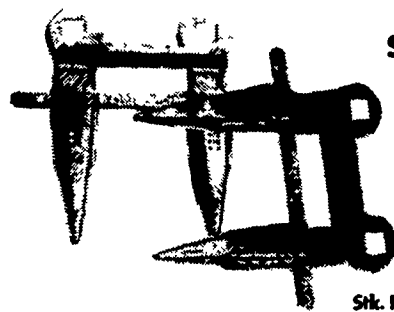
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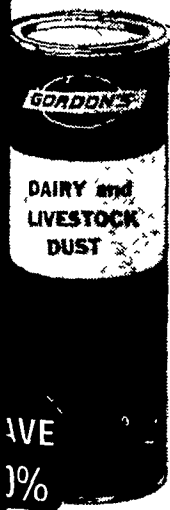
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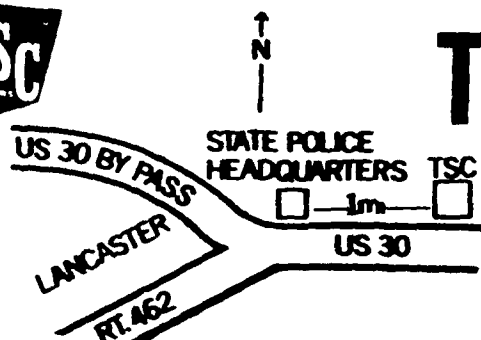
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Creamy puddings

(Continued from Page 84)

LEMON SNOW

- 3 eggs, separated
- 1 cup sugar
- 1 envelope unflavored gelatin
- ½ cup cold water
- ½ pint whipping cream
- Juice of one lemon
- Juice of one orange
- 1 teaspoon lemon-orange rind

Beat egg yolks and sugar until lemon colored. Soak gelatin in ½ cup of cold water; melt over hot water. Combine with egg yolks, add juice and rind. Let stand until it begins to thicken. Fold in whipped cream and lastly the beaten egg whites. Mold and chill.

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LEMON TRIFLE

- 8 servings
 - 2 teaspoons grated lemon peel
 - One-third cup fresh lemon juice
 - ½ cup sugar
 - ½ cup (1 stick) butter
 - 3 eggs, slightly beaten
 - 1 cup dairy sour cream
 - 1 pint strawberries
 - 1 (11 ¼ oz.) pound cake, cut into 18 slices, ¼-inch thick
 - 2 tablespoons toasted sliced almonds
- Combine lemon peel and juice, sugar and butter; cook over low heat, stirring occasionally, until butter is melted and sugar is dissolved. Remove from heat. Blend a small amount of mixture into eggs; return all to saucepan. Cook over medium heat, stirring constantly, until mixture thickens slightly. (Do not boil) Cool; stir in sour cream. To assemble cake, set aside 8 strawberries for garnish. Slice remaining strawberries. Place 6 slices cake in a 1 ½-quart oblong casserole cutting slices to cover bottom of dish. Top with half of sliced strawberries and 1 cup lemon sauce. Repeat. For top layer arrange remaining 6 slices cake in dish; top with remaining sauce. Sprinkle almonds overall. Slice reserved strawberries to make fans and garnish top. Chill several hours or overnight.

LIME MOLD

- 1 (6 oz.) pack lime flavored gelatin

- 1-½ cups milk, scalded
- 1 (8 oz.) pack cream cheese
- 4 egg yolks
- ½ cup whipping cream

Pour gelatin into blender and add scalded milk. Turn to blend for 20 seconds. Cut cream cheese into blocks and add to mixture. Add egg yolks. Blend for 15 seconds. Add whipping cream and blend only five seconds. Pour into mold and refrigerate six hours.

Mrs. Virginia Graybill
Hershey, Pa.

MOUSSE-IN-A-MINUTE

- 1-½ cups scalded milk
- 1 teaspoon instant coffee powder
- 1 (12 oz.) package chocolate chips
- 4 eggs
- 6 tablespoons rum (dark)

Place chocolate chips in blender and add scalded milk and instant coffee. Blend until smooth. Without turning off blender, add eggs and rum. Then blend three minutes. Pour into a crystal dish and cover with food wrap. Chill overnight. Serve with whipped cream or prepared whipped topping.

Isabell Sander
Youngsville, New York

PEACHY COOLER

- 4 eggs, separated
- 1 (12 ounce) package frozen sweetened sliced peaches, thawed, or 1-½ cups sweetened sliced fresh peaches, finely chopped or mashed
- ½ teaspoon salt
- ¼ cup sugar
- 1 tablespoon lemon juice
- ½ to ¾ teaspoon almond extract
- 2 cups chilled milk
- 1 pint vanilla ice cream
- Whipped cream
- Peach slices (optional)

Beat egg whites and salt until soft peaks form. Add sugar gradually; continue beating until stiff and glossy. Combine egg yolks, peaches, lemon juice and almond extract; mix well. Add milk and ice cream; beat until smooth. Fold in egg whites. Serve in tall chilled glasses. Garnish with whipped

cream and peach slices, if desired. Yields eight to ten servings.

Claire L. Coombs
Gardners, Pa.

PUMPKIN PUDDING

- ¾ cup brown sugar
- 1 tablespoon butter
- ¼ cup milk
- 1-½ cups milk
- ½ cup milk
- 2 egg yolks
- 2 tablespoons flour
- 1 tablespoon cornstarch
- ¼ teaspoon salt
- ½ teaspoon cinnamon
- 1 cup pumpkin
- ¼ teaspoon cloves
- 1 tablespoon whiskey
- 2 egg whites, beaten

Combine brown sugar, butter, and ¼ cup milk. Cook five minutes and then add 1-½ cups milk. Stir this mixture and before it gets hot, add the

remaining ingredients which should be mixed previously in a separate bowl. Cool and serve.

Mrs. Ray Seidel
Lenhartsville, Pa.

PUDDING SUPREME

- 2 tablespoons butter
- 1 cup brown sugar
- 3 cups milk
- ¼ teaspoon salt
- 3 tablespoons flour
- 2 eggs
- 1 teaspoon vanilla

Place butter in top of double boiler. When melted, add sugar and salt followed by two cups milk. Blend remaining cup of milk and flour separately. Stir in. When this thickens add eggs blended with small amount of pudding. Cook two more minutes. Add vanilla. Serve hot or cold.

Mrs. G. Sylvan Horner
Ephrata, Pa.

Scrumptious soups

(Continued from Page 41)

saucepan. Add corn and milk. Scald. Mix rivels by mixing flour, salt, and egg with fork. Stir into scalding milk. Bring to a boil and serve at once.

Mrs. Daniel B. Stoltzfus, Jr.
Narvon, Pa.

CHUNKY CLAM CHOWDER

- 3 medium potatoes

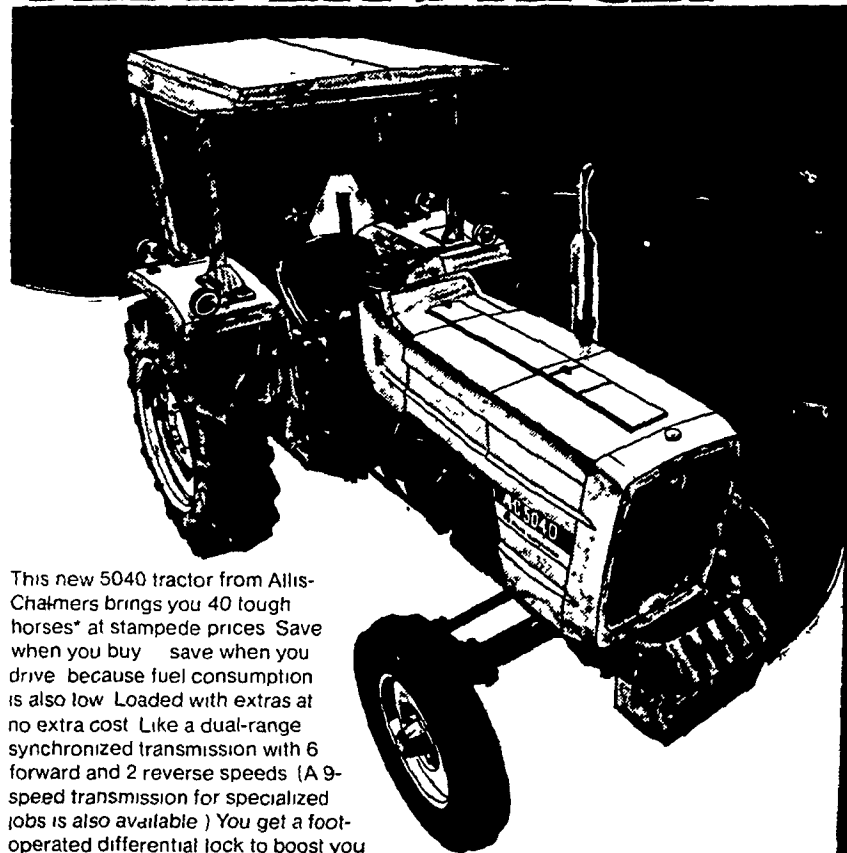
- ½ cup diced celery
- 1 (8 oz.) can minced clams
- 2 cups milk
- 1 teaspoon salt
- ¼ teaspoon onion salt
- Pepper
- 2 hard boiled eggs
- Parsley flakes

Cook potatoes and celery until soft; smash

lightly with potato masher. Stir in clams then milk and seasonings. Heat to boiling point. Remove from heat. Add hard boiled eggs and to chowder. Garnish with parsley flakes. Serve four.

Mariene Bomgardner
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SCS to study erosion

WASHINGTON, D.C. - The U.S. Department of Agriculture, Soil Conservation Service (SCS), is making an inventory to determine the extent of soil erosion throughout the country, SCS Administrator M. Davis announced last week. The inventory will supply basic data from which SCS

will estimate the amount of sediment produced by erosion. It will also provide information on soil and water conservation needs, prime farmland, potential cropland, water quality, and land use.

Most common types of water erosion affecting farmland will be studied this year. Gully, streambank,

roadside, and construction site erosion will be studied during 1978.

The inventory will cover nonfederal rural and urban lands in the 50 states, Puerto Rico and the Virgin Islands.

Iowa State University, which helped design the study, will cooperate with SCS in compiling the data.

Beginning this Summer SCS field personnel will visit each of 72,500 sample sites throughout the country to evaluate about 20 study

factors at each site. These factors include the kind of soil, slope, climate, crop sequence and conservation measures in use.

Lancaster Farming, Saturday, June 4, 1977—115

High speed computers will be used to evaluate the complex sample data and to calculate statewide regional and national soil erosion rates and sediment yields.

Field work for the first part of the inventory will be completed by November 1

and state by state data will be available by May 1, 1978. Sediment yield estimates will be completed in mid-1979.

TRY A CLASSIFIED

Farmers club tackles contemporary problems



There's nothing like a tableful of good food to draw farmers together for fellowship and simultaneous discussion of timely issues. The gentlemen above, members of the Junior Gunpowder Farmers' Club of Baltimore County, Md., are doing just that over bowlfuls of fresh strawberries, cake, and ice cream. The Club started nearly 100 years ago and meets monthly in members' homes. Hosting the group last Saturday was horse breeder, cattleman and auctioneer John

Merryman, extreme right. The group, consisting of no more than 18 members, regularly discusses crop conditions, marketing, legislation, public relations and anything else which could have an effect on their livelihood. Guests are invited to each meeting to help stir up ideas and provide additional insight to problems. Among other activities, the Club promotes agriculture in the Baltimore County School District.

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Part-time dairyman leads way in show ring

By DIETER KRIEG

JONESTOWN, Pa. - Look for a tall cow with sharp shoulders, a wide rump, a well-attached udder with small, plumb and squarely placed teats, good feet, strong and properly set legs and large body capacity - and you've got yourself a cow which might be in the winner's circle at the County Fair.

The above traits are some of the ones Dale Maulfair looks for. He has shown cows for 11 years and this past January had the grand champion Ayrshire at the Farm Show. That was a first for him, although winning blue ribbons is almost getting to be routine for the young Lebanon County dairyman. Modest about his accomplishments, Maulfair



One of the area's most accomplished exhibitors of Ayrshires is Lebanon County's Dale Maulfair.

Veg. garden workshop set

YORK, Pa. - The York County Agricultural Extension Service is sponsoring a vegetable garden workshop presented by Timothy G. Markovits, ass't county agricultural agent. Topics to be discussed include insect and disease identification and control, mulches and composting. The locations are: York Mall Community Room - Monday, June 6 from 1 p.m. and 7 p.m.; Shrewsbury Boro Building - Monday, June 13 at 7:30 p.m.; Hanover (Gideon) Grange - Tuesday, June 14 at 7:30 p.m.

began showing in 4-H and FFA. He says it took five or six years to make the grade for the bigger shows where he is now a perennial contender for the top awards. "I didn't let myself get discouraged during those early years," he told Lancaster Farming.

Although Maulfair is involved in the dairy business on only a part-time basis, he is dedicated to his Ayrshires. A teacher's aid for Norlebo's FFA Chapter, he helps his father, Paul, on the family's 130-acre farm near Jonestown. He works

with the 75-head herd morning and evening and during the Summer months. He owns 13 of the animals himself, while his wife, Pat, lays claim to two more. Together, they show at local, state, district, and even national shows. It takes them as much as four months to prepare an animal, beginning with hoof trimming. Once they're in the show string, however, it's just a matter of keeping after them. To the Maulfairs it's a lot of fun.

A 1977 recipient of the American Farmer Degree,

Maulfair hopes to go into full-time farming someday. He considers the future of dairying to be "pretty good" and appreciates the lifestyle offered by farming.

One of the benefits of showing, according to Maulfair, is that it gives the dairyman an opportunity to compare his cattle with those of someone else. Although milk production drops slightly for those cows which are put on the show circuit, it still pays to show, says the Lebanon County man. He has hopes of increasing his show string.

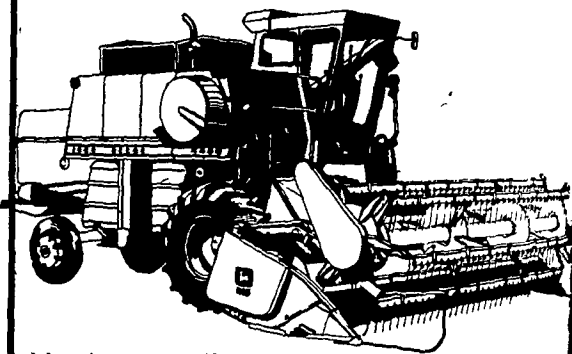
Good over-all management is important in acquiring a competitive show herd, Maulfair believes. Feeding programs are closely regulated, and that's one reason the part-time dairyman prefers working with a herd of 40 or less milking animals. Cows also have to be milked properly and kept clean. The Maulfairs milk in a stanchion barn using bucket milkers.

Breeding is not to be forgotten. Maulfair uses "Mar-ral High Kick" in his herd, calling him the top bull of the Ayrshire breed.

A final consideration is herd health. Maulfair vaccinates for pneumonia and sometimes also mastitis, realizing chances for contact diseases are increased significantly due to his being moved around country so much. Dipping is part of the routine at milking time.

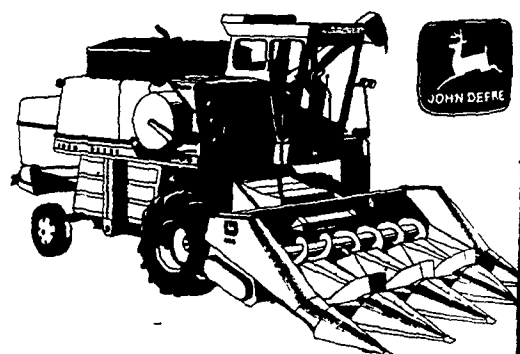
Maulfair's 1976 string consisted of home-bred animals. In 1977, he hopes to increase that number. His emphasis is on quality, not necessarily quantity, and he's likely to keep the tide of blue ribbons coming his way.

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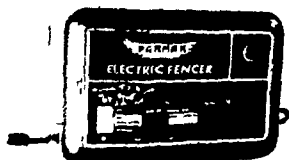


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Goat nutrition: trick or treat?

EDITOR'S NOTE: The following thoughts on dairy goat nutrition were submitted by Virginia Garnett, secretary of the Maryland Dairy Goat Association. The article was written by MDGA member, George Everett.

WESTMINSTER, Md. - All of us concerned to some degree about our diets. Are we getting from our food what we think we are, or are we really the victims of a media blitz. Unfortunately for many of us a balanced meal is a Big Mac and a large coke... "It's balanced, Ma, look the tray don't tip..." For the rest of us we tend to forget those "treats" we give ourselves from time to time. Are we making the same

mistakes with our herd feeding program? Is our "balanced" ration whatever is quick or convenient, or is it well thought out and strictly adhered to? Do we strive for consistency or are we prone to include little "Treats", treats that may well turn out to be more of a trick than we had planned?

Considering that I have to file an environmental impact statement every time I walk into the kitchen someone else should really be writing this, but also considering that I have just finished adjusting my own feed formula I thought I'd pass on some thoughts on the matter.

Being a "rank" beginner I am prone to make a change based only on the fact that

someone with more experience is doing it, rather than to listen, analyze, and then decide. I was using a commercial feed mix with a 13 per cent protein content, but very quickly began adding bits and pieces, all those little things that for one reason or another were supposed to be "good". It wasn't until I sat down and did a little basic mathematics that I discovered that my treats were turning into tricks. Maybe a little mathematics will help you.

First of course you need a formula...Weight of product (wt) times the per cent of protein (per cent) equals the pounds of protein (No. p) or (wt x per cent equals No. p).

This is then converted to a percentage simply by dividing by 100. Now I was using five parts of a 13 per cent commercial mix to one part each of corn, oats, and sunflower seed with hulls: Sounds good, but just how good was it?

Commercial	5 pts. (13 per cent)	62.5No.	8.125No.p
Corn	1 pt (8.7 per cent)	12.5No.	1.088No.p
Oats	1 pt (12 per cent)	12.5No.	1.500No.p
Sunflower seed	1 pt (16.8 per cent)	12.5 No.	2.100No.p
Total	100No.	12.813No.p	or 12.8 per cent

I had taken a 13 per cent protein mix, added my treats, and reduced the protein content. True, it was not a great reduction, I was

saved from a very bad error only because of the protein content of the sunflower seed. But....and it is a very big but....if it had been something else, if it had not been for that one factor I could very easily have bought myself a lot of trouble.

If you still doubt that a treat can affect your program take a look at that same formula, only now without the corn.

Commercial	5 pts (13 per cent)	71.4No.	9.128No.p
Oats	1 pt (12 per cent)	14.3No.	1.716No.p
Sunflower seed	1 pt (16.8 per cent)	14.3No.	2.402No.p
Total	100No.	13.400No.p	or 13.4 per cent

Now instead of reducing the protein content of the original feed it has been

increased....again not much of an increase, but still it is enough to point out the fact that fooling around with "treats" is not something to be done lightly.

George G. Everett

xxx

The dairy industry is the second largest single segment of American agriculture. It produces more than \$10 billion of farm income annually and the packaging, processing and distribution of dairy products provides employment throughout the country. The retail value of dairy products sold in the United States was more than \$23 billion in 1976



CENTRAL TRACTOR



THREE LOCATIONS

LANCASTER, PA

1570 MANHEIM PIKE
PHONE: 717-569-0111

Hours:

Mon. - Thurs. 8 a.m. - 5:30 p.m.

Fri. 8 a.m. - 8 p.m.

Sat. 8 a.m. - 5 p.m.

SHAMOKIN DAM, PA

ORCHARD HILLS
SHOPPING PLAZA

Rte. 11 & 15

PHONE: 717-743-1911

Hours: Mon. - Sat. 9 a.m. - 9 p.m.

CHAMBERSBURG, PA

1351 LINCOLNWAY EAST
PHONE: 717-264-8282

Hours: Mon. - Fri. 9 a.m. - 9 p.m.

Sat. 9 a.m. - 5 p.m.

We Reserve the right to limit quantities.

SALE PRICES GOOD

THRU

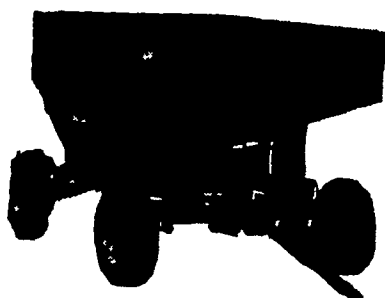
SAT. JUNE 11



Central Tractor Congratulates ALL DAIRY FARMERS during June Dairy Month



GRAVITY BOXES AND RUNNING GEARS



Reg. \$349.99	28900-250	SALE	329 ⁹⁹
165 Bu. Box			
Reg. \$459.99	28901-250	SALE	429 ⁹⁹
225 Bu. Box			
Reg. \$279.95	8039-046		
6 Ton Running Gear with 15x6x5 Bolt Wheel (less tires)		SALE	269 ⁹⁵
Reg. \$329.95	8045-046		
8 Ton Running Gear with 15x6x6 Bolt Wheel (less tires)		SALE	309 ⁹⁵
Reg. \$399.95	8059-046		
10 Ton Running Gear with 15x8x6 Bolt Wheel (less tires)		SALE	369 ⁹⁵
3Lx15 Tube Type	20320-159		
Ply Rating Flotation Tire for 6 and 8 Ton Gear			33 ⁶⁵
		(F E T included)	
3Lx15 Tube Type	20319-159		
Ply Rating Flotation Tire for 10 Ton Gear			39 ⁶⁰
		(F E T included)	

BARBED WIRE

80 rod roll
12 1/2 Gauge 4 pt. 23.95 per roll

Baler Twine

Full 40 Lb. Bale
9000' or 10,000'
10.95 (10 or more) 11.45

Milking Inflatons

MADE OF THE HIGHEST QUALITY RUBBER. Inflatons are soft, pliable and flexible. Durable and easy to clean. Wt. 1/4 lb.
For Surge (full body) also for Rite-way RS Suspended, Sears and Perfection 21950 172 1.10
For Surge (narrow body) also for Rite-way RS Suspended, Sears and Perfection 21951 172 1.10
For DeLaval (06 shell narrow body) 21953 172 1.10
For Surge, suspended Perfection, Sears Narrow bore with 3 take up rings 21969 172 1.10
For Surge Jet Flow Dari Kool Boumatic Choreboy L623N Perf DE337 288 Narrow bore 1.10
21970 172 1.10
For new Univ. 2MS shell Jamesway US1 Solar Narrow bore 21971 172 1.10



Surcingle Strap

For all kinds of milkers. 96 long 15 grommet strap includes triangle. Made from 2 ply belting 7.65
21954 172

(3) Sparta Udder Sponge

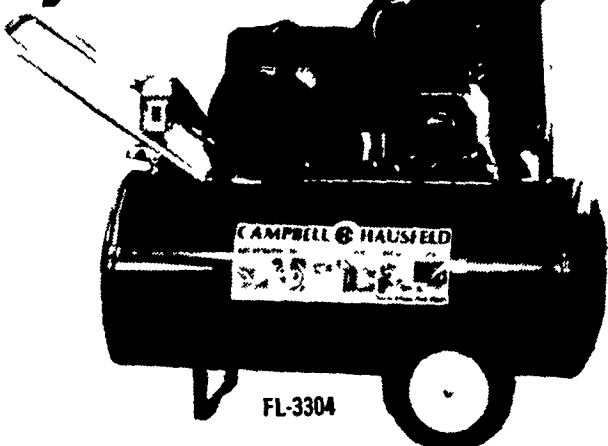
Holds more solution and keeps it hot longer. Essential for effective cleaning and the key to proper udder stimulation and massage, resulting in more complete milk let-down. Wt. 2 oz 21615 169 1.20



Kendall Milk Filters

Kendall non gauze disks for better filtration. They stop more sediment, filter faster and cost less than older style conventional filters.

Size	Disks per box	Part #	Price
7	100	20010 154	2.10
6 1/2	100	20015 154	1.65
		For Dumping Stations	
15'	100	20012 154	8.59
		Super Socks for Moderate to High Pressure Pipeline	
2 1/4 x 12	100	20016 154	4.69
		Breakproof Sock Filters	
2 1/4 x 24	100	20028 154	8.49
		In Line Filter	
4 1/2 x 16	100	20014-155	1.49



CLOSE OUT PRICES ON CAMPBELL-HAUSFIELD AIR COMPRESSORS

3/4 hp. 7.5 Gallon Tank. 109⁹⁹
1 hp. 12 Gallon Tank. 199⁹⁹



189

Reg. 2.29 / SAVE 40c
23551-283

50 Lb.
White Block Salt
Limit 20 blocks per customer

114⁹⁹

Reg. 120.00 / SAVE 5.01
18040-115

225 Amp Arc Welder

Includes ground clamp, insulated electrode holder, 14" electrode cable, 9" ground cable, 6" input cable with plug, female receptacle and helmet. Uses 220 volt, 60 cycle power source. Wheels not included.

SAVE 25.00
SALE

239⁹⁹

High Pressure Washer

Handy cart mobility. 500-600 psi computerized mixing for easy cleaning and spraying. Built-in tank eliminates the need for bottles, etc. Special duty 3/4 hp motor. 5-way valve selects cleaning phase desired. 100% chemical metered chemical, rinse, tank filling, and off. 2 gpm pump. 6 ft grounded power cord. 35 1/2" high. 15 1/2" wide. 18 1/2" deep. Requires 15 amps power at 115 volts. 25402-293. Reg. 264.99

Dairy main

[Continued from Page 46]

3 tablespoons green pepper (optional)
 ½ stick butter
 2-½ tablespoons flour
 2 cups milk
 ¾ cup shredded cheese
 Salt and pepper to taste

Cook onion and pepper in butter for five minutes. Add flour and stir. Add milk and cook until thickened. Season and add potatoes and ham. Put in two quart casserole and top with shredded cheese and bake at 350 degrees F. for 25 to 30 minutes. This is also good made with weiners.

Mrs. Merle S. Mishler
 Hollsopple, Pa.

MACARONI

CHEESE DELUXE
 1 (7 ounce) package elbow macaroni
 2 cups small curd cream style cottage cheese
 1 cup dairy sour cream
 1 slightly beaten egg
 ¾ teaspoon salt
 Dash Pepper
 8 ounces sharp processed American cheese, shredded (2 cups)

Paprika
 Cook macaroni according to package directions; drain well. Combine cottage cheese, sour cream, egg, salt and pepper. Add shredded cheese, mixing well; stir in cooked macaroni. Turn into greased 9 x 9 x 2 inch baking dish. Sprinkle with paprika. Bake in moderate oven (350 degrees F.) for 45 minutes. Serves six to eight.

Lois J. Reed
 Lykens, Pa.

MEATBALLS IN BUTTERMILK

1 pound hamburger
 ¼ cup chopped onion
 1 teaspoon salt
 3 tablespoons butter
 ½ cup bread crumbs
 ½ cup whole milk
 ½ teaspoon pepper
 Combine ingredients except butter and shape into balls. Brown in the butter. Remove from skillet. Keep warm. Pour most of grease from skillet.

Sauce:
 ¼ cup butter
 2¼ cups buttermilk
 2 tablespoons sugar

1 egg beaten
 ¼ cup flour
 ¼ teaspoon salt
 1-½ teaspoons dry mustard
 ½ teaspoon pepper

Combine ingredients to make gravy. When thick, add meatballs and simmer until flavors are blended.

Mrs. James Coombs
 Gardners, Pa.

Ice cream

[Continued from Page 47]

2 cups sugar
 2 tablespoons vanilla
 1 quart milk
 18 large marshmallows
 ½ gallon milk
 ½ teaspoon salt
 6 junket tablets
 ¼ cup lukewarm water

Mix together eggs, sugar, and vanilla. Then, heat one quart milk and large marshmallows until the marshmallows are melted. Do not boil. Then, add eggs and sugar mixture to this. Next, add milk and salt. Put junket tablets in lukewarm water. Add the junket after pouring the ice cream into the can and let set for 20 minutes before freezing.

Lena Zimmerman
 East Earl, Pa.

VANILLA ICE CREAM

3 packages unflavored gelatin
 ½ cup cold water
 3 quarts milk
 25 marshmallows
 5 cups sugar
 15 beaten eggs
 3 tablespoons vanilla
 1 quart cream or three cans evaporated milk

Soak three packages gelatin in ½ cup cold water. Bring milk and marshmallows to a scalding point. Add gelatin and sugar. Cool. When ready to freeze, add beaten eggs, vanilla, cream or evaporated milk.

When you wish to make fruit ice cream, use just one pint cream or one can evaporated milk and one tablespoon vanilla. Add two cups fruit.

Mrs. Abram Ebersol
 Bellefonte, Pa.

QUICK LASAGNA

1 pound ground beef
 ¾ teaspoon salt
 ¼ teaspoon pepper
 1 teaspoon basil
 ½ teaspoon oregano
 1 onion, diced
 2 (8 oz.) cans tomato sauce

1 cup water
 1 (8 oz.) package lasagna noodles

¼ cup parmesan cheese
 1 pound cottage cheese
 4 slices Mozzarella cheese

Combine first six ingredients and brown in skillet. Add tomato sauce and water. Simmer 20 minutes. Cook lasagna according to package directions. Then, starting with lasagna noodles, alternate layers of beef mixture, Parmesan cheese, and cottage cheese in a 9 x 13 inch baking dish, ending with beef. Bake in 375 degree F. oven for 20 minutes. During last five minutes baking time, cut Mozzarella cheese in half diagonally, arrange on top. Makes six to eight servings.

Joanne Priest
 Hagerstown, Maryland

Junk cars towed free

HARRISBURG - The state has set up a trial program that will allow residents of seven counties to have junk cars towed from their property free.

The only cost to the state is for a public information campaign in Adams, Dauphin, Cumberland, Lancaster, Lebanon, Perry and York counties. Towing service will be provided at no charge by members of the Pennsylvania Auto and Truck Salvage Association.

Under the program, persons who want to dispose of vehicles on their property can call a toll-free state telephone number (the Governor's Action Line, 800-932-0784) for referral to a participating salvager in their area. The only requirement is that the caller prove that he or she owns the car. Residents calling about cars

abandoned on their property without permission will be advised to call the police.

The program, administered by the state Department of Community Affairs, is based on an earlier successful effort in

Erie County. If the seven-county drive successful, the free-tow program will be expanded to other areas of the state. Junk cars serve as breeding grounds for snakes and insects and dangerous to children might play near them.

GUTSHALL'S SILO REPAIR

R. D. 1, Womelsdorf, Pa.

Phone 717-933-4616

or Stanley Gutshall 717-249-1190

+feed easy double sugar unloader
 +agromatic single auger unloader
 +Berg ring drive unloader
 +shuttle feeders
 +chain type feeder
 +taper board feeders
 +belt feeders
 +conveyors
 +Supreme 56" PTO silage blower
 +silage weighers-chute hoppers
 +Weaverline feed carts
 +Ritchie cattle and hog waterers
 +water bowls and stalls
 +fans and ventilations

JUNE DAIRY MONTH SPECIAL
 10% off.

TRY A
 CLASSIFIED

The dairy industry in America had its start when a bull and three heifers arrived at Plymouth Colony in 1624.

Today, the regular flow of fresh, wholesome dairy products to every American home is taken for granted.



As manufacturers of quality farm equipment, we are pleased to be associated with dairymen throughout America.

SPERRY NEW HOLLAND

DIVISION OF SPERRY RAND CORPORATION

No Other Protein Need When You Feed



USE ONLY ½ LB. SPECIAL TANVILAC PER HEAD PER DAY WITH GRAIN AND ROUGHAGE — GET BIGGER PROFITS

FOR MORE PROFITS — MAIL COUPON
 THE TANVILAC COMPANY, INC.
 6th & Corning Aves., Box 96,
 Highland Park Station,
 Des Moines 13, Iowa
 Please Send Me Additional Information about Special Tanvilac. I have..... Cattle NAME..... ADDRESS.....

SPECIAL TANVILAC

Feeders Say...

"The Most Economical Feeding Plan of All" No trouble with scours or cattle going off feed. You'll be more than satisfied with our feeding program for you'll get healthy stock, quick gains at low cost. Remember, there's a FEED LOT PROVEN TANVILAC CULTURE PRODUCT FOR EVERY FARM-FEEDING PURPOSE.



C. O. NOLT

LOCAL DISTRIBUTOR

BIRD-IN-HAND

Phone Lanc. 397-0751

LOWE'S

Salute the Dairy Farmer



WITH JUNE DAIRY MONTH SAVINGS



12 1/2 Gauge
Barbed
Wire (4 Pt.)
1320 Foot Roll

\$24.97

Our standard 4-point wire for use where a strong, heavy barbed wire fence is required. Four-pronged, sharp barbs spaced approx. 5" apart. #92054

12 1/2 Ga., 4 Pt., 1320 Ft. Roll #92054 \$22.50



Foot Steel
Fence Posts

\$1.99
Each

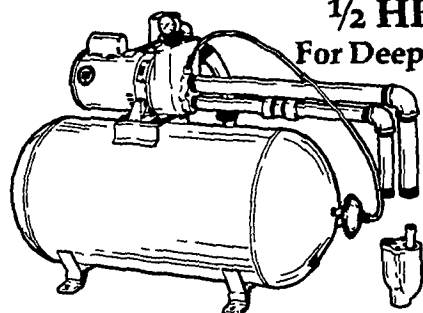
St-resistant green
metal finish. #92060



Post Hole
Digger

\$11.88

9" x 5 1/2" steel blade, 6"
point spread. #99762

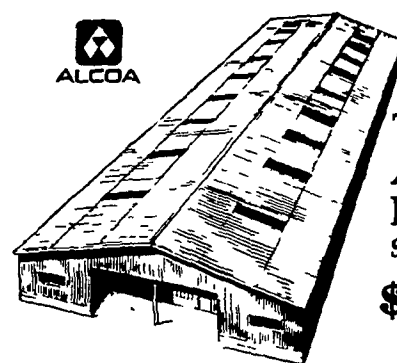


1/2 HP Water Pump
For Deep or Shallow Wells

\$159.97

Includes 30 Gal.
Steel Tank

Keep any area dry with this unit — or use it for irrigation, livestock watering or to supply water for the home. Capable of raising water from depths up to 120 feet with its strong half-horsepower motor. Easy to install. Ideal for compact installation. #25742

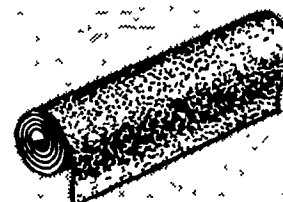


Temper Rib
Aluminum
Roofing
Square

\$24.88

Choose Temper Rib for your next building. Aluminum forms a strong, durable, maintenance-free roofing. Each sheet is 37 1/8" wide. #12380

5V Crimp Galvanized Roofing #12450 \$26.88

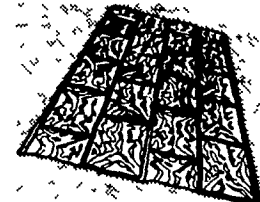


36" W. x 36" L.
Roll Roofing

\$7.99

90 Pound Roll

Applies easily. Each roll
covers 100 sq. ft. #10280



Foundation
Skirting

\$3.59
Sheet

Close that area under
your house. #60762.



32" x 330'
12 1/2 Gauge
Farm Field
Fencing

\$42.99
Roll

The thing to enclose small animals, garden or a yard. Features 6' stays, close mesh. #92264

330' Field #92264 \$52.88

330' Field Fence #92264 \$56.88



\$26.88

8 ft. Steel Gate

Strength and durability in an economical five-panel gate. Four-point riveting for no-sag performance. No. 92213



\$149.97

#26108

66" Metal Kitchen Cabinet
Sink, Faucet & Strainer

As handsome as it is useful! Measures 66" wide, 36" high and 25" deep. Six storage drawers, plastic coating.

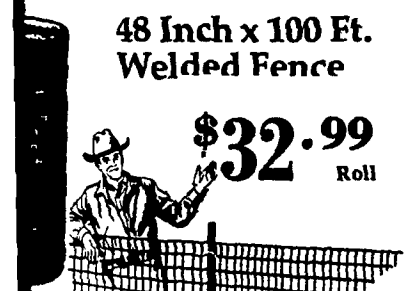


Barn And
Fence Paint
Usually \$8.99
Save \$2.00

\$6.99
Gallon

Brighten up and protect those exposed surfaces with a coat of our famous Enterprise paint. Designed especially for outside use. White. #48710

We Carry A Complete Line Of Paint

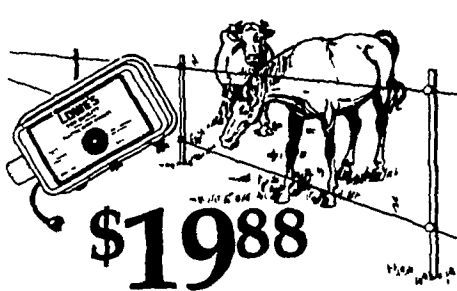


48 Inch x 100 Ft.
Welded Fence

\$32.99
Roll

Close mesh gives added protection. Welded at each cross-joint for strength. Made of heavy-duty gauge wire. #92280

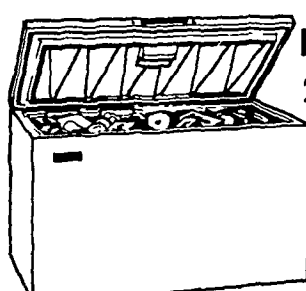
100', Welded Fence #92280 .. \$47.88



Electric Fence Charger

An economical "weed burner" type of controller. Operates on 110-volt 60-cycle AC. #92224

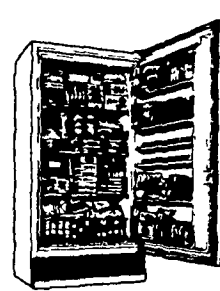
1/4 Mile Electric Fence Wire #92230 .. \$6.79



Holiday
20 Cu. Ft.
Chest
Freezer

\$299.00

Trim grocery bills with the help of this chest-type freezer. Features adjustable temperature control inside freezer (a tamper-proof location), an exterior drain tube, security lock and two convenient sliding baskets. #50809



Whirlpool

15.8 Cu. Ft.
Upright
Freezer

\$319.76

Here's a handsome freezer with full features and an economy pricetag. Fast-freeze shelves have the cold coils right in the shelves. And super storage door puts up to 70 packages at your fingertips. Slide-out basket. #50888



Bunyan
Studs

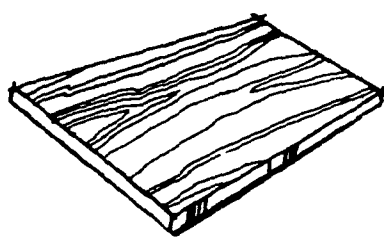
Each
A heavy-duty support
lumber Available in 8'
lengths #04001



4" x 4" x 8"
Lumber

\$5.99

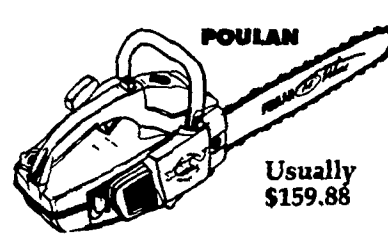
A heavy-duty support
lumber Available in 8'
lengths #04001



1/2 Inch, CDX Plywood

\$6.99 4' x 8' Sheet

Countless uses for this versatile wood: paneling, dog houses, you name it. 1/2" thick, four-ply layered pine. #12247



14 Inch Chain Saw

\$148.88

SAVE \$11.00

Light — yet with enough muscle to chew through most jobs in a hurry. Bar length is 14 inches, cutting capacity 24". #91625



Single Edge
Wood Axe

\$8.88

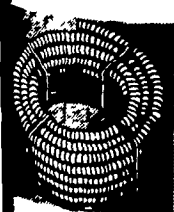
Heavy-duty steel blade
keeps sharp cutting edge
Tapered handle #99783



4 Cubic Foot
Wheelbarrow

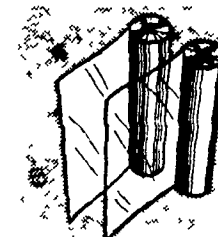
\$37.88

A heavy-duty item with
hundreds of uses
Seamless tray #92854



Drain Pipe
flexible plastic.
won't corrode. 250' roll.
#24112

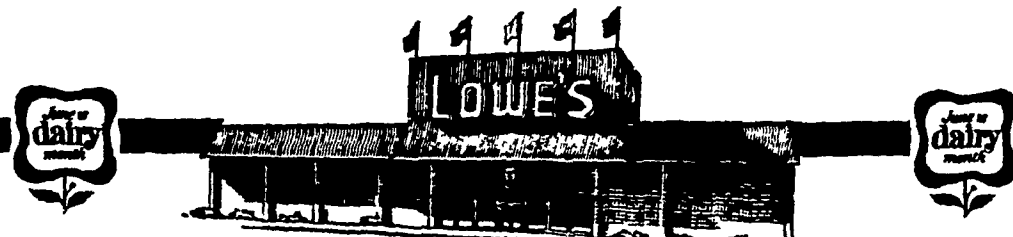
19c Ft.



10 Ft. x 25'
Polyethylene

\$4.44
Roll

This plastic covering keeps
any area dry and protected
Hundreds of uses #16925



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Open Mon. & Fri. 8 to 8
Wed. & Thurs. 8 to 5:30
Sat. 8 to 4



AMERICAN BREEDERS SERVICE

5/77 USDA SIRE SUMMARY

(Sires Ranked by Predicted Difference — Dollars)



Code No. Code Name

\$\$\$\$

MILK

FAT

RPT.

HOLSTEIN

H2434 GERRI	+157	+1,741	+53	71%
H2573 SEARS D	+144	+1,576	+50	68
H3200 CHIP	+124	+1,595	+30	47
H2671 WHITESTAR	+121	+1,372	+39	57
H2465 GRAND SUPREME	+119	+1,642	+23	72
H2614 ENGRAVER	+115	+1,503	+27	62
*H2592 LINDY	+112	+1,481	+25	51
H1890 KBOP	+106	+1,050	+43	99
H2980 COMET	+104	+1,276	+29	56
*H1881 BOOTMAKER	+104	+1,209	+32	99
H1915 OLYMPIC	+104	+1,013	+43	99
*H2510 DEMAND	+103	+1,515	+15	84
H2669 STANDOUT STAR	+103	+1,335	+24	53
*H2501 IMPERIAL KNIGHT	+100	+ 904	+45	68

TOP 14 SIRES AVERAGE +115 +1,372 +34 70%

H2389 FOND BILLY	+ 99	+1,075	+35	79
H2650 HARVEST	+ 96	+1,227	+24	61
*H3210 BAMA	+ 93	+1,046	+31	48
H2628 KENNEDY	+ 92	+1,228	+20	64
*H1869 MONITOR	+ 92	+ 999	+32	99
H2668 ASTRO ROCKET	+ 90	+ 915	+35	59
H2665 MAPLE BEN	+ 90	+ 838	+39	58

TOP 21 SIRES AVERAGE +108 +1,264 +33 69%

H1892 BUSY	+ 89	+1,084	+25	99
H2719 BOOT-NICK	+ 88	+1,052	+26	61
H2559 ALLIANCE	+ 87	+1,033	+26	68
H2672 ALEX	+ 87	+ 901	+33	62
*H2417 ART	+ 87	+ 880	+34	74
*H1959 KIT BUILDER	+ 86	+1,096	+21	65
H1885 BELSHAZZAR	+ 86	+ 902	+32	99
H2691 KNIGHT	+ 85	+1,168	+17	58
*H3225 FOND MASTER	+ 84	+ 748	+38	48
H3140 THADDEUS	+ 84	+1,011	+24	35
H2477 SUNSHINE	+ 83	+ 714	+39	73
H2680 STAR	+ 82	+ 855	+31	71

TOP 33 SIRES AVERAGE +100 +1,111 +32 69%

H2655 BOUQUET	+ 79	+ 828	+29	59
H1948 BELMONT	+ 77	+ 846	+26	83
H2656 MILO	+ 77	+ 833	+27	56
H2677 HAWK	+ 77	+ 788	+30	39
*H2775 TRIPLE THREAT	+ 77	+ 646	+37	63
H1960 COMBINATION	+ 75	+1,000	+16	98
H2456 POLYKNIGHT	+ 74	+ 950	+18	73
H2683 OWN PERFORMER	+ 74	+ 934	+19	50
H3090 SKY CHIEF	+ 74	+ 829	+25	48
H2562 REGAL	+ 73	+ 992	+15	65
H2685 PRINCE VALIANT	+ 72	+ 942	+17	66
H1964 DUKE	+ 72	+ 820	+23	79
H2647 PACEMAKER	+ 71	+ 943	+16	61
H2679 BLACK STAR	+ 71	+ 919	+17	58
H2920 MASTER	+ 70	+ 785	+22	35
H2612 SUPER CHARGE	+ 70	+ 661	+30	58

TOP 49 SIRES AVERAGE + 90 +1,034 +29 66%

*H2546 CHROME-VIEW	+ 69	+ 888	+17	56
*H3280 WIN	+ 69	+ 962	+13	52
H2700 HATTIE MAPLE	+ 69	+ 810	+21	90
H2470 FAMOUS NED	+ 68	+ 645	+29	65
*H2588 TOP COMMAND	+ 67	+ 606	+30	68
H2602 MAPLE PAUL	+ 67	+1,003	+ 9	60
*H1958 FRASEA	+ 66	+ 966	+10	52
H3215 KILROY	+ 66	+ 894	+14	27
H2822 MISTER-RED	+ 66	+ 906	+13	28
H2526 BLACKHAWK	+ 63	+ 521	+31	72
H2596 ARLINDA BOOTS	+ 61	+ 844	+12	66

ABS REPRESENTATIVES IN PENNSYLVANIA

Bangor	Eric Heinsohn	215-588-4704
Columbia	James N. Charles	717-898-8694
Ephrata	Darvin Yoder	717-733-0966
Holtwood	Paul Herr	717-284-4592
Leola	Lynn Gardner	717-656-6509
Manheim	D. Lamar Witmer	717-898-8694
Reading	C. Robert Greider	215-378-1212
Richland	Paul Martin	717-866-4228
Thomasville	Ira Boyer	717-225-3758
Vest Grove	Maurice Stump	215-869-9187

Code No. Code Name

\$\$\$\$

MILK

FAT

RPT.

HOLSTEIN (Continued)

H2554 PERFORMER	+ 61	+ 717	+18	73
H2450 ACCLAIM	+ 60	+ 825	+12	67
TOP 62 SIRES AVERAGE	+86	+ 986	+26	65%
H2463 SUNTOP	+ 57	+ 751	+13	68
*H3275 CORY	+ 57	+ 764	+12	45
H2636 TIDY SILVER	+ 56	+ 808	+ 9	60
*H2576 WIS APOLLO	+ 54	+ 765	+ 9	70
H2581 SEAMAN PAUL	+ 53	+ 656	+14	49
*H2570 VICTOR	+ 51	+ 813	+ 4	69
H2662 BLACKCAP	+ 51	+ 438	+24	59
H2411 B BRAVE	+ 49	+ 785	+ 4	62
H1904 ULTIMATE	+ 46	+ 439	+19	99
H2502 FOND TOM	+ 39	+ 659	+ 1	71
*H2475 LUCKY SHAMROCK	+ 33	+ 316	+14	97
*H1953 ROCKET	+ 30	+ 138	+21	81
H1932 BOB	+ 27	+ 698	-12	99

75 HOLSTEIN SIRES AVE. + 79 + 936 +24 66%

AYRSHIRE

A7611 COMMANDER	+102	+1,088	+37	90%
A7615 JUMBO	+ 92	+ 988	+33	50
A7613 STARBOY	+ 50	+ 602	+14	60

BROWN SWISS

B3662 MARAUDER	+ 60	+ 691	+19	45%
B3650 CITATION	+ 53	+ 617	+16	87

GUERNSEY

G0778 FABIAN	+128	+1,208	+55	66%
G0781 TOP HORNET	+113	+1,312	+35	91
G0773 ELDORADO	+ 84	+ 809	+35	98
G0784 FAYVOR	+ 69	+ 626	+31	98
G0791 MARTIN	+ 64	+ 741	+20	32
G0810 NAVAJO	+ 57	+ 620	+20	41
G0782 MISTER BOB	+ 55	+ 622	+18	69
G0783 TOP MARINE	+ 48	+ 721	+ 6	77
G0795 SULTAN	+ 48	+ 591	+13	65
G0786 LEADER	+ 44	+ 275	+26	95

JERSEY

J2785 JEWELER	+140	+1,511	+50	34%
J2788 BOLD TORONO	+125	+1,505	+36	55
J2782 NAPOLEON	+ 97	+ 931	+41	32
J2760 EAGLE	+ 95	+1,124	+28	48
J2742 PLUS	+ 86	+ 829	+36	67
J2784 GOLDEN LAD	+ 78	+ 649	+38	56
J2752 ORACLE	+ 75	+ 832	+25	42
J2786 LOTUS	+ 67	+ 683	+26	22
J2740 ORATOR	+ 59	+ 807	+12	78
J2755 SLEEPING MILESTONE	+ 40	+ 492	+11	88

MILKING SHORTHORN

M5624 RED KING	+118	+1,221	+45	38%
M5622 MARLIN	+ 49	+ 533	+17	60

* The Asterisk preceding the bull Code No. indicates the sires that have a PLUS PDT as determined by the Holstein Friesian Association.

AAA analysis has recently been completed by the ABS sires. Ask your ABS Representative for a copy.

IN NEW JERSEY

Pleasantville	Eugene Hornberger, Jr.	609-927-7372
Port Murray	Robert Kayhart	201-689-2605
Vincentown	Gerald Hall	609-859-3783

ABS GMS EVALUATORS

Jersey Shore, PA	Jeff Shafer	717-398-0215
Middletown, MD	William Kepler	301-371-7533
New Berlin, PA	Dan Spangler	717-966-0860
Strasburg, PA	Elvin Hess	717-687-6697

ABS DISTRICT SALES MANAGERS

Mifflinburg, PA	Merril L. Brofee	717-966-1325
New Providence, PA	Daniel M. Rush	717-786-4574
Milford, PA	Gary O. Fassett	717-686-1001

Our commitment to the dairy industry: performance . . . not promises

For nearly 70 years, CARNATION RESEARCH FARM has been the site of intensive nutritional and management studies with dairy animals. Aggressive research that enables CARNATION-RED ROSE to provide dairymen with higher-yielding, more efficient feeds and feeding programs.

The CARNATION-RED ROSE CALF PLAN, a feeding program for building high performance replacement heifers, has proven its effectiveness in feeding trials with Holstein calves at CARNATION RESEARCH FARM, producing these results:

- Calves weaned by the end of four weeks of age
- Calves consumed three pounds of dry feed daily by the fifth week
- Breeding weight was reached between 12 to 13 months
- They entered the milking string between 21 to 23 months

Well planned, high quality nutrition right from calving is essential if your calves are to develop quickly and fulfill their bred-in milking potential.

By weaning, at 4 weeks of age, the Holstein calves at CARNATION RESEARCH FARM consumed an average of:

22.03 lbs. RED ROSE MILK REPLACER
19.00 lbs. RED ROSE MANNA MATE containing 25% CALF MANNA

6.00 lbs. hay

Feed conversion for the Holstein calves averaged 1.96 lbs. per day during the first four weeks.

Feed Trial Data

For 0-56 weeks of age . . .

Body weight — start	89 lbs.
56 weeks	799 lbs.
Gain (0-56 weeks)	710 lbs.
Average Daily Gain	1.78 lbs.

Feed Consumption 0-56 weeks . . .

RED ROSE MILK REPLACER	22.03 lbs.
Calf Developer containing	
25% CALF MANNA	889.30 lbs.
Alfalfa Hay	1411.80 lbs.
CARNATION-RED ROSE PRIMER*	1079.40 lbs.
Grass Hay	172.20 lbs.

Total feed consumed 3574.73 lbs.

Feed conversion 5.04

*Primer is high energy grain ration for developing heifers, fed from six months to maturity.

RED ROSE MILK REPLACER contains the nutrients required to nurse the young calf to a fast, healthy start — plus antibiotics to help fight scours.

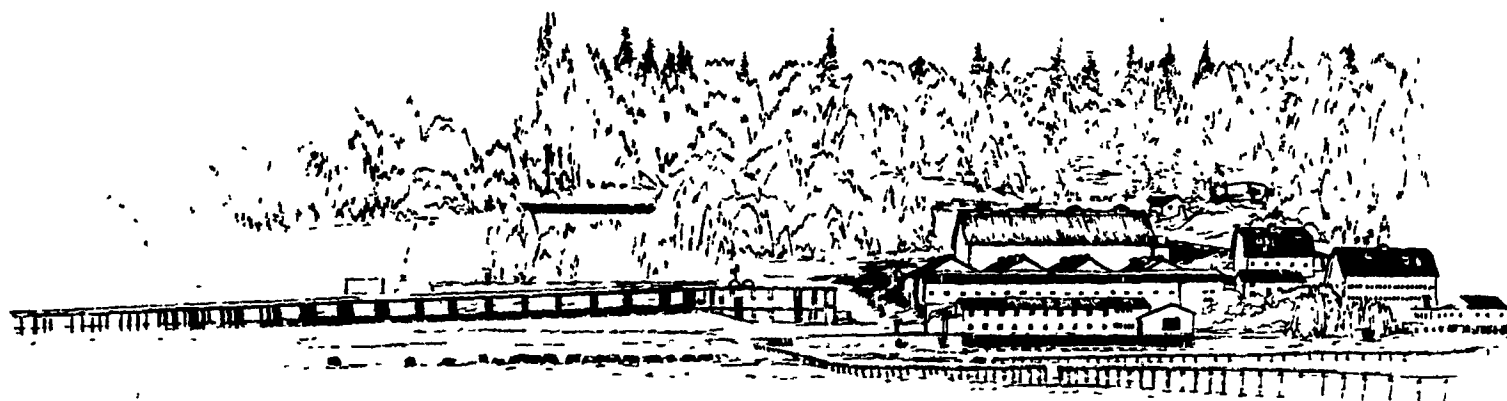
CARNATION formulated RED ROSE MILK REPLACER assures: Palatability, High Digestibility, Rapid Mixing Quality, Suspension Quality. 25 lbs. of RED ROSE MILK REPLACER mixed with warm water replaces 225 lbs. of whole milk.

CALF MANNA is the key to earlier weaning when fed as 25% of the calf developer. CALF MANNA goes to work quickly, aiding rumen development and roughage appetite in the young calf. For fast and efficient growth and development, keep CALF MANNA in the calf developer feed for 6 months.

And, for greater milk production and profit potential from your milking string, add 50 lbs. of CALF MANNA to each ton of your dairy ration. It's a nutritional investment that will also pay off in improved overall herd health.

RED ROSE MILK REPLACER and CALF MANNA are the CARNATION-RED ROSE CALF PLAN.

High powered, no nonsense nutrition, backed by nearly 70 years of research at CARNATION RESEARCH FARM and 87 years of feed experience. Put this experience to work for you today!



You're invited to visit Carnation Research Farm, Carnation, Washington. Open Monday through Saturday from 10:00 A.M. to 3:00 P.M. Closed Sundays and holidays.

Carnation / Red Rose

Box 827, York, Pa. 17405

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D.B.A. R.G. WESSNER & SONS
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SERVICE, INC.
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HORACE WALTON
District Manager
Cochranville, Pa.
215-593-5262

Eshelman
JOHN W. Eshelman & SONS
A Division of Carnation Company

York COUNTY DHIA MONTHLY REPORT

APRIL

The high herd was Sinking Springs Farm, with 60 cows producing 61.5 pounds milk and 2.71 pounds daily butterfat. Second high was Avalong Farms, with 46 cows producing 58.8 pounds milk and 2.24 pounds daily butterfat.

The high cow was Lily, an 11 year old registered Holstein owned by Avalong Farms, which produced 19,306 pounds milk and 894 pounds butterfat. Second high was Jessie a 7 year old registered Holstein owned by Joe Stump, producing 21,846 pounds milk and 885 pounds butterfat.

OWNER - COW'S NAME	AGE	DAYS	MILK	TEST	FAT
BREED					
Mc Ral Dairy Farm					
62	3	5	284	16,877	4.0
337	3	2-11	305	13,394	4.1
Galawn Farms					
Susie	3	5-11	305	22,716	3.5
Lily	3	2-4	305	14,286	3.8
Lois	3	1-11	305	12,782	4.1
Arlene	3	1-11	305	16,981	3.0
Bupplynn Farms Farm 2					
60	3	4	283	14,415	4.1
392	3	3-9	254	15,976	3.5
77	3	3-5	277	14,579	4.0
Elvin G Molison					
12	3	5-1	299	13,165	4.0
33	3	2	305	15,900	3.4
Larry J Moyer					
614	3	5-7	305	17,151	4.0
642	3	4-9	305	16,885	3.8
660	3	5	267	12,992	4.1
Richard E Stough					
Hector	3	5-10	305	13,175	3.9
Penny	3	5-10	305	19,640	3.3
Rick L Cook					
Gay	3	8-5	305	17,193	4.1
Apollo	3	5-8	305	19,141	3.6
J Donnell Taylor					
Candy	3	2-9	305	16,912	3.3
Grace	3	2-8	302	14,637	3.6
Jesse	3	4-9	294	16,398	3.8
Red	3	2-11	305	13,988	3.7
Freida	3	6	305	17,004	4.1
Lara	3	2-11	292	14,008	4.0
Liz	3	3-10	305	16,574	3.9
Harold Good No. 3					
70	2	5-7	305	9,714	5.8
103	2	5-8	305	10,648	5.1

NOW SPRING IS HERE

Use our Custom Application
Service and Rental Spreaders

- Topdress Alfalfa After 1st Cutting
- Broadcast Tobacco Plowdown Complete Grades Liquid Nitrogen ANHYDROUS AMMONIA
- Limestone - Truck Spread
- Complete Line of Pesticides

Let our qualified sales people
help develop your plan for '77



BULK BLENDS
MASTER FARMER
ANHYDROUS AMMONIA

**ORGANIC
PLANT
FOOD CO.**

2313 Norman Rd., Lancaster, Pa.
Ph. 397-5152

Little Creek Fms Inc

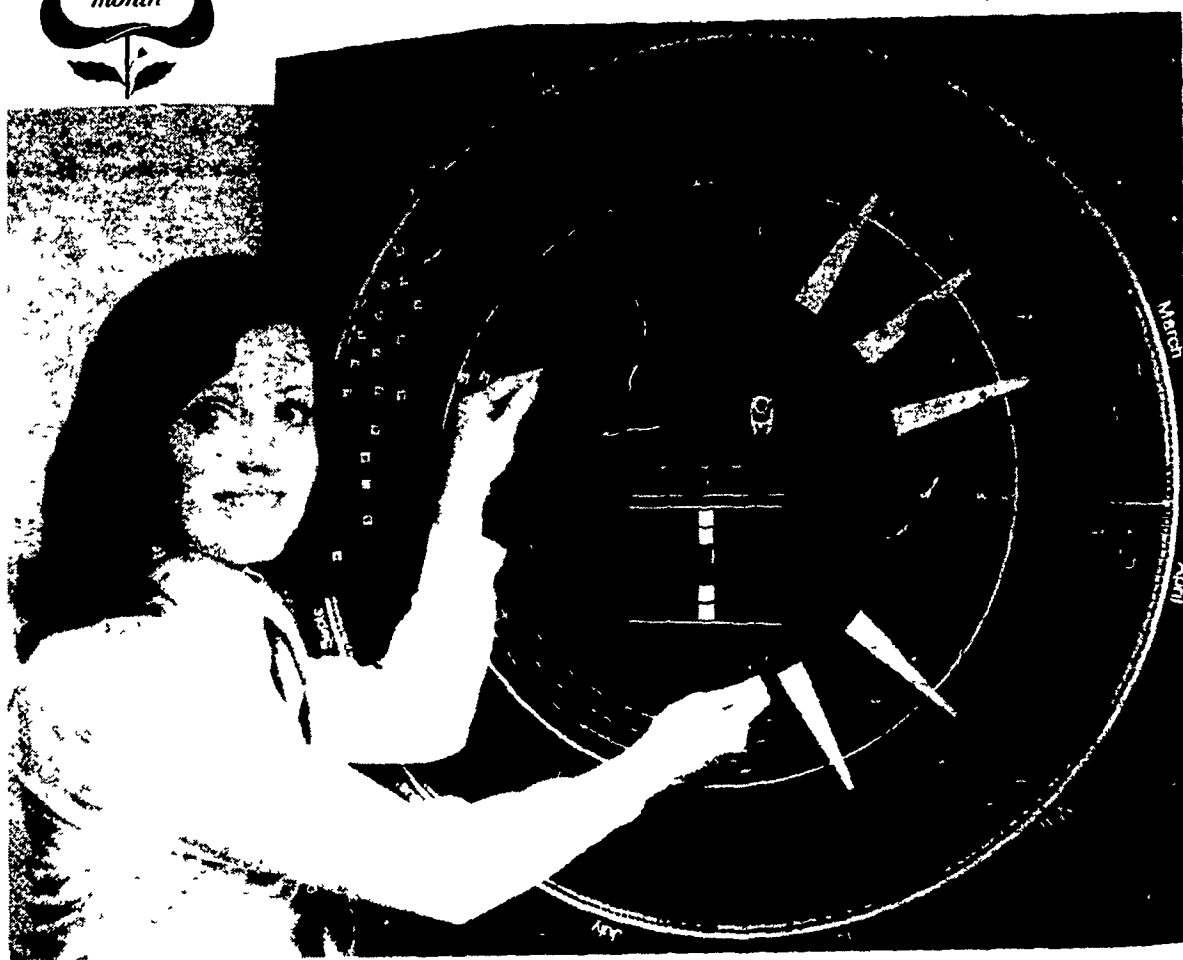
4	3	10-1	305	16,452	3.2	531
34	3	4-3	305	18,339	3.2	595
91	3	7-7	305	13,164	4.6	603
Wayne L Sweitzer						
159	3	8-1	290	15,483	3.3	513
48	3	8-5	305	16,027	3.8	615
04	3	6-2	301	14,929	4.0	596
Elvin R Deiter						
Kelly	3	4-4	305	16,024	3.2	520
Katie	3	3-11	305	16,634	3.8	629
Fred Kimmel						
Vic	3	6-1	286	15,395	4.3	665
Charles Herr & Son						
Tilly	3	4-2	305	16,159	3.6	582
Midnite	3	3-6	305	14,809	3.6	531
Robert J Reheard						
Nellie	3	4-7	305	14,245	3.7	533
Horace E Heindel						
Bea	3	7-3	296	14,947	4.0	603
54	3	7-11	304	15,632	3.5	546
147	3	4	305	15,289	3.8	579
159	3	3-2	305	15,690	3.5	546
161	3	3-2	297	16,571	3.5	577
163	3	3-9	273	14,588	4.3	628
Robert W Mays						
61	3	7	295	18,872	3.1	590
50	3	4	305	17,333	3.3	568
39	3	3-2	305	18,423	3.2	594
Carl Anderson						
44	3	3-10	271	11,172	4.8	535
Dale & Darla Doll						
Meg	3	6-9	305	18,452	4.0	733
Manda	3	6-9	292	11,571	4.4	507
Janet	3	5-3	305	13,147	4.2	555
Clara	3	4	305	18,391	3.6	660
Cora	3	3-8	305	14,655	3.9	569
Betty	3	3	305	13,192	3.8	502
D Fantom & E Gordon						
98	3	8-8	305	14,183	4.3	612
Bell	3	3-11	305	14,842	3.6	531
Lynn Wolf						
Elsie	3	2-1	305	15,641	3.8	588
Eileen	3	2-1	300	18,101	3.5	630
Wayne B Mummert						
13	3	6-4	305	16,835	4.5	757
52	3	6-3	305	16,822	4.1	695
8	3	5-7	305	18,158	3.8	697
3	3	6	279	17,285	3.4	586

26	3	4-1	305	13,703	5.1	700
75	3	2-1	305	14,178	3.7	525
77	3	1-11	305	13,815	4.2	583
74	3	1-10	305	12,354	4.2	524
44	3	1-11	305	12,590	4.3	538
Desota & Robt Burchett						
AW3	3	8-4	305	11,722	4.6	541
AW6	3	7	292	15,081	4.7	704
AW47	3	8-4	302	13,706	3.9	528
CW51	3	4-5	305	15,011	3.4	512
Avalong Farms Inc						
Lily	3	11-3	305	19,306	4.6	894
Tid	3	7-3	305	19,831	4.4	868
Fran	3	9-7	305	17,686	3.9	684
Hector	3	9-1	166	16,238	4.8	775
Laurie	3	2-6	305	16,499	4.0	656
Avalong Farms Inc						
Eunice	2	7	305	14,724	4.7	695
Chasta	2	4-4	262	11,277	4.5	510
Janell	2	3-4	305	14,188	4.9	689
Philip R Stambaugh						
Tidy	3	10-11	305	12,433	4.2	522
Betsy	3	7-5	305	14,509	3.5	515
Lonely	3	10-1	305	14,477	4.3	622
Lady	3	6-4	305	16,141	3.2	523
Paul R King						
Nova	3	5-4	302	13,660	4.0	542
Corvan	3	3-9	305	19,810	3.8	753
Gypsy	3	3-3	286	12,720	4.1	517
Rosanne	3	3-3	305	15,339	3.9	597
Fran	3	2-3	305	11,166	4.8	535
Dennis L McWilliams						
50	3	4-11	302	13,798	4.4	608
32	3	3-8	305	14,447	3.6	519
Palmer McWilliams Jr.						
25	3	8-7	305	11,910	4.3	507
16	3	8-5	305	16,697	3.4	566
Elmer Myers						
Edna	3	6-6	305	17,768	3.7	654
Jane 2	3	5-7	305	17,052	4.1	703
Light	3	4-10	305	17,902	3.8	682
T & M & M K Walker						
9093	3	5-7	305	17,146	3.6	615
C Robert Kilgore						
8A	3	9-2	305	12,010	4.3	519
17	3	4-11	303	15,689	3.6	561
Smysers Richlawn Fms						
Tina	3	7-1	305	20,247	3.6	732

(Continued on Page 124)



INCREASE PROFIT MARGIN WITH A BRAY MAGNETIC BREEDING CALENDAR



Each cow individually recorded with colored magnetic dice which makes all systems using pins and tabs obsolete.

Six patented revolving 21 day hands give a complete account of cows heat cycle.

Revolving hands give you day to day status every day 365 days a year.

Tells you EVERYTHING you need to know about every cow in your entire herd at a glance!

No chance of overlooking ANY cow.

Owners say they have saved enough to pay for the calendar in less than 1 year in herds of 35 or more cows.

**You Can Improve Your Herd Breeding Efficiency
Greatly By Using a Bray Magnetic Breeding Calendar**

PRICES - Calendar size 32" x 32".

For 75 Cow Herd - \$119.95

For 150 Cow Herd - \$134.95

Most efficient, economical and complete herd planning system available in the U. S

EDGEFIELD FARMS

Route 472 & Edgefield Rd. Ken Rutt - Ph. 786- 3591
Quarryville, Pa. Amos Rutt - 786-3897

ANIMAL MEDIC INC.

Box 575 Manchester, PA 17345
717-266-5611

June IS DAIRY MONTH...

CALL US FOR SPECIAL TANK PRICES THRU JUNE 30TH

MUELLER FRE-HEATER™

EXPLANATION OF THE REVOLUTIONARY NEW MUELLER "FRE-HEATER™" FOR THE DAIRY FARM

Bulk milk coolers on modern dairy farms remove heat from the milk promptly after it is produced. To accomplish this requires refrigeration machines and they are generally of the air-cooled type. Air-cooled condensing units literally "throw away" this valuable heat.

On these same farms, large amounts of hot water are needed for "prepping" the cows, washing the milk cooler, the pipeline milker, other equipment, and the milking parlor itself. It is also advantageous to heat the cows' drinking water in winter.

The Mueller Fre-Heater conserves energy and provides "free" hot water by capturing the heat now wasted!

HERE'S HOW IT WORKS:

Rather than using noisy, dust-creating fans with fragile, dirt collecting air-cooled condensers, the refrigerant is routed to a specially designed condenser/heat exchanger and its heat is transferred to the water.

A thermostatically controlled valve delivers 145° F water to the storage tank.

In addition to the thermostatic valve, a mixing valve is provided to permit "prepping" temperature water.

Thus, the Fre-Heater delivers two temperatures of water — prepping and washing.

Tests indicate the Fre-Heater consumes 10% less power than an air-cooled system . . . and you get Free Hot Water!

ELIMINATES REFRIGERATION SERVICE PROBLEMS!

The most common causes of slow cooling in bulk milk cooling systems are related to the air-cooled condenser.

Three things which frequently reduce the efficiency are:

- 1 Poor air circulation and recirculation
- 2 Fan motor failures
- 3 Dirty or clogged condenser fins

Air-cooled condensing units are generally installed out of doors in order to assure adequate air supply to the condenser. This exposes the compressor to extreme ambient temperatures. Starting problems and compressor failures have resulted and air-cooled condenser units are always noisy.

The Fre-Heater eliminates these problems because:

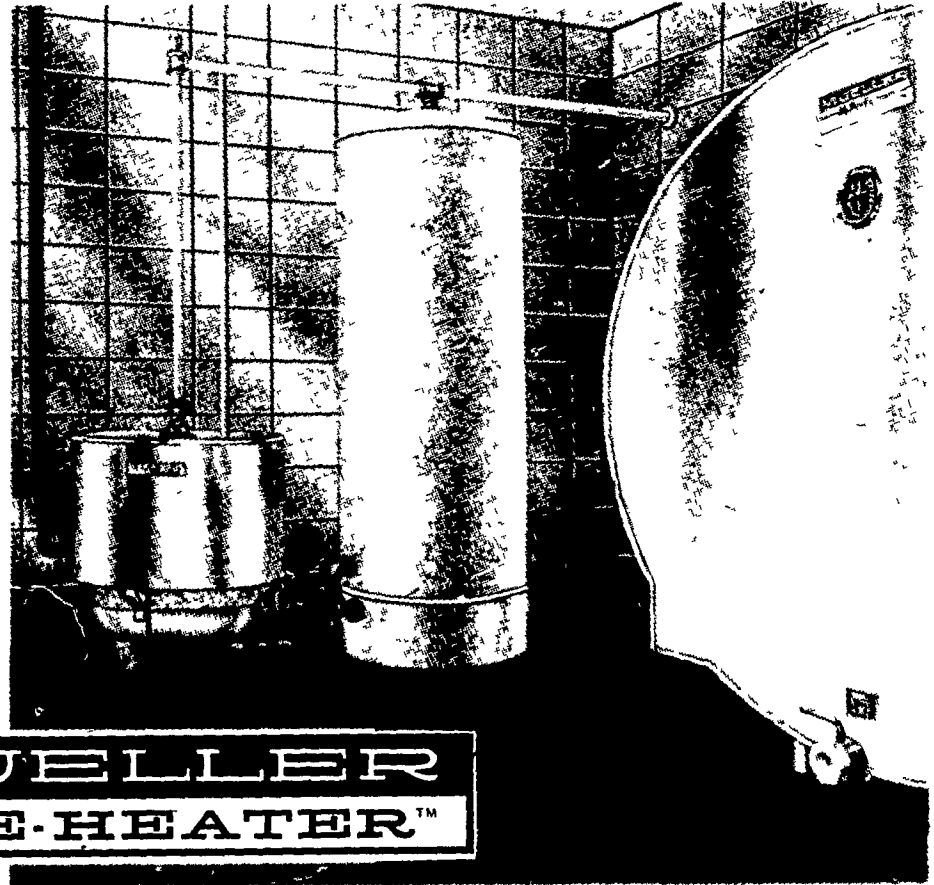
- There is no air-cooled condenser.
- The Fre-Heater is installed indoors.
- There are no fans to generate noise.
- The head pressure is very stable — assuring longer compressor life.
- There are no cold weather starting problems, plus . . . the Fre-Heater conserves energy and produces Free Hot Water!

MAKE ME A BULK MILK COOLER THAT HAS EVERYTHING!



Save
Energy
and get
FREE
HOT
WATER...

with the
revolutionary...

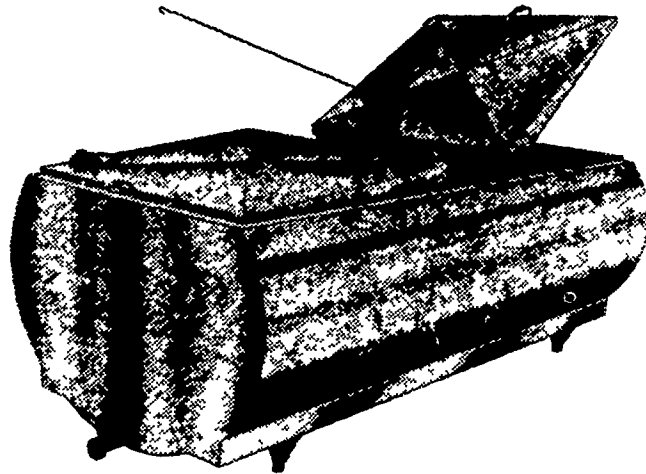


MUELLER FRE-HEATER™

DAIRY MONTH SPECIAL

THE ALL STAINLESS STEEL MODEL-C FRE-HEATER FOR ALL BULK TANKS

MUELLER Bulk Milk Coolers



THE "MW" IS ONE OF THE LOWEST
POURING HEIGHT BULK TANKS.

CHECK WITH US ABOUT ALL THE
ADDED NEW FEATURES OF THE
"MW" BULK TANK.

**FRE-HEATER SYSTEM
WORKS ON MUELLER
NEW MODEL "MW"**

NEW TANKS

400 Gal. Mueller
MHL
500 Gal. Mueller M
500 Gal. Mueller
MHL
600 Gal. Mueller M

(2) 425 Gal. Esco
C-200 Gal. DeLaval
300 Gal. Mojonner
300 Gal. Sunset
300 Gal. Jamesway
300 Gal. Zero

USED TANKS

350 Gal. Esco
500 Gal. Dari-Kool
400 Gal. Mojonner
425 Gal. Esco
400 Gal. Dari-Kool
600 Gal. Giron

18 can Can Cooler
600 Gal. Milkeeper
Tank
800 Gal. Mojonner
650 Gal. Esco
500 Gal. Mueller ME

See Fre-Heater Story on page 106

CONTACT QUEEN ROAD REPAIR TO SEE A **MUELLER FRE-HEATER** IN OPERATION, RIGHT ON THE FARM.

QUEEN ROAD REPAIR

BOX 67, INTERCOURSE, PA 17534

After 5 P.M.

JOHN D. WEAVER 656-9982

PHONE 717-768-7111

GID DIENNER 768-8521

SAM STOLTZFUS 768-3594

OR Answering Service 354-4374

24 Hour Service

We Stock Hess' Farm Supplies, Check Our Prices on Animal Medications

USED TANKS
AND
MILKING EQUIPMENT
IN STOCK

York County DHIA

(Continued from Page 122)

Iris	3	6-3	305	16,934	3.6	614
Rosie	3	3-1	305	18,731	3.8	710
Milly	3	3	303	15,465	3.7	572
Pat	3	2	305	16,355	3.7	601
T Edwin Johnson						
Star C	3	6-5	264	12,587	4.5	568
Hidden Springs Farm						
Franny	3	8-4	296	18,482	3.5	651
Lynn	3	7-2	151	10,314	4.8	500
Barb	3	6-4	305	18,911	3.7	706
Maria	3	6-3	286	19,501	3.7	714
Susan	3	9-8	300	14,819	4.7	692
Wenona	3	4-7	280	15,904	4.7	752
Erin	3	4-2	305	16,109	4.1	661
Margo	3	4-3	305	19,624	3.6	703
J H & M B Hushon						
73	3	7	305	15,002	4.3	649
106	3	6-7	305	13,851	4.2	588
22E	3	4-11	305	14,648	3.7	540
110 E	3	3-9	305	12,738	4.2	541
76	3	2-9	305	14,958	3.6	535
Adrian Rinehart						
80	3	7-5	305	14,491	3.6	522
1	3	3-3	305	14,572	3.9	572
Robert R Stewart						
Joel	3	6-5	305	19,106	3.7	714
Mindy	3	4-6	305	18,351	3.4	620
Milly	3	4-5	254	13,656	3.9	537
Reta	3	3-5	305	13,162	4.5	590
Cinda	3	2-10	305	15,481	3.7	574
Betty	3	6-9	305	18,915	3.7	703
Boots	3	5-8	305	17,175	3.7	636
Rhoda	3	4-8	305	18,642	3.4	636
Carla	3	4-4	305	22,775	2.8	635
Joyce	3	4-6	297	17,727	3.2	560
H E Petrow & Sons						
Carman	3	6-6	305	18,628	4.1	756
Flossy	3	4-8	305	15,889	3.9	620
Rodman C Thompson						
Sophia	3	3-4	305	17,298	3.9	669
Stump Acres						
Jill	3	11-2	305	16,192	4.0	651
Jessie	3	7-11	305	21,846	4.1	885
Julie	3	7-5	305	15,649	3.7	574
Gilda	3	6	303	16,553	4.2	692
Vera	3	4-7	305	15,879	4.6	731
Vina	3	3-10	305	15,357	3.3	502
Marleta	3	2-11	305	13,479	4.1	550
Jetleah	3	3-1	305	15,880	3.7	587
Thomas A Boyer						
Odessa	3	6-5	236	14,702	3.7	542
Pebbles	3	4-8	305	20,721	4.1	844
Ruby	3	3-7	253	20,782	3.3	678
Earl Fuhrman						
Della	3	9-10	305	15,090	4.5	674

Nell	3	7-5	305	13,856	3.7	518
Juno	3	2-6	305	13,657	3.8	514
Guy A Leader & Sons						
Jill	2	3-5	304	12,784	5.5	704
Camay	2	3-10	305	13,474	5.1	692
Annabel	2	3-4	305	9,806	5.6	545
Bess	2	2-7	305	14,643	4.8	706
Dot	2	2	301	10,726	4.9	526
Vincent C Webb						
49	3	7-10	305	15,791	3.5	554
91	3	7-2	305	15,805	3.8	602
144	3	6-6	305	16,158	3.4	626
3A	3	6-8	305	16,892	3.6	608
158	3	6-6	305	16,590	3.4	571
166	3	4-8	305	19,183	3.9	745
Roy & Frank Feeser						
Holly	3	8-4	305	14,890	3.5	521
Lady	3	7-6	305	15,592	3.5	544
Jay L Hoover						
32	3	5-1	305	16,003	4.0	643
12	3	5-1	305	13,590	4.1	557
Fred Sprenkle						
Aunt	3	5-6	298	16,812	3.6	610
Noreen	3	3-3	305	14,625	3.8	556
Eugene M Kilgore						
Wilma	8	6-7	305	12,425	4.1	514
Beshore Farms						
Jamie	3	7-4	305	17,758	4.0	714
Alda	3	2-1	305	16,390	3.9	636
Harold Brown						
Koren	3	15-1	305	15,553	3.5	542
Kathlen	3	8-9	305	14,279	3.8	546
Moore	3	2-6	305	14,602	4.0	578
Shirley	3	2-3	305	16,066	3.3	530
Gum Tree Farm						
Petal	3	8-5	305	17,746	3.4	597
Worker	3	2-5	305	16,227	3.4	555
Albert Dehoff						
18A	3	6-8	288	14,281	3.7	524
123	3	2-7	297	14,224	4.0	566
Ellis Crowl						
Miss	3	3-9	305	13,835	4.5	629
B 28	3	4-2	300	13,568	5.1	695
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Pet	2	6-11	305	12,693	5.0	636
Bell	2	4-4	268	10,485	4.9	513
Mite	2	3-5	305	15,389	4.0	613
Ola	2	2-6	305	10,228	5.5	559
Sara	2	2-2	305	10,183	5.1	518
Red	2	2-4	305	10,525	4.8	505
Petty	2	2-5	305	10,885	4.9	538
Emory & Wm Kilgore						
10	8	5-10	305	13,851	3.8	528
Gum Tree Farms						
120	3	7-5	305	16,324	3.8	616
Curtis V Thompson						
88	3	2-11	305	13,448	4.1	556
91	3	3	305	13,792	4.2	574

(Continued on Page 152)

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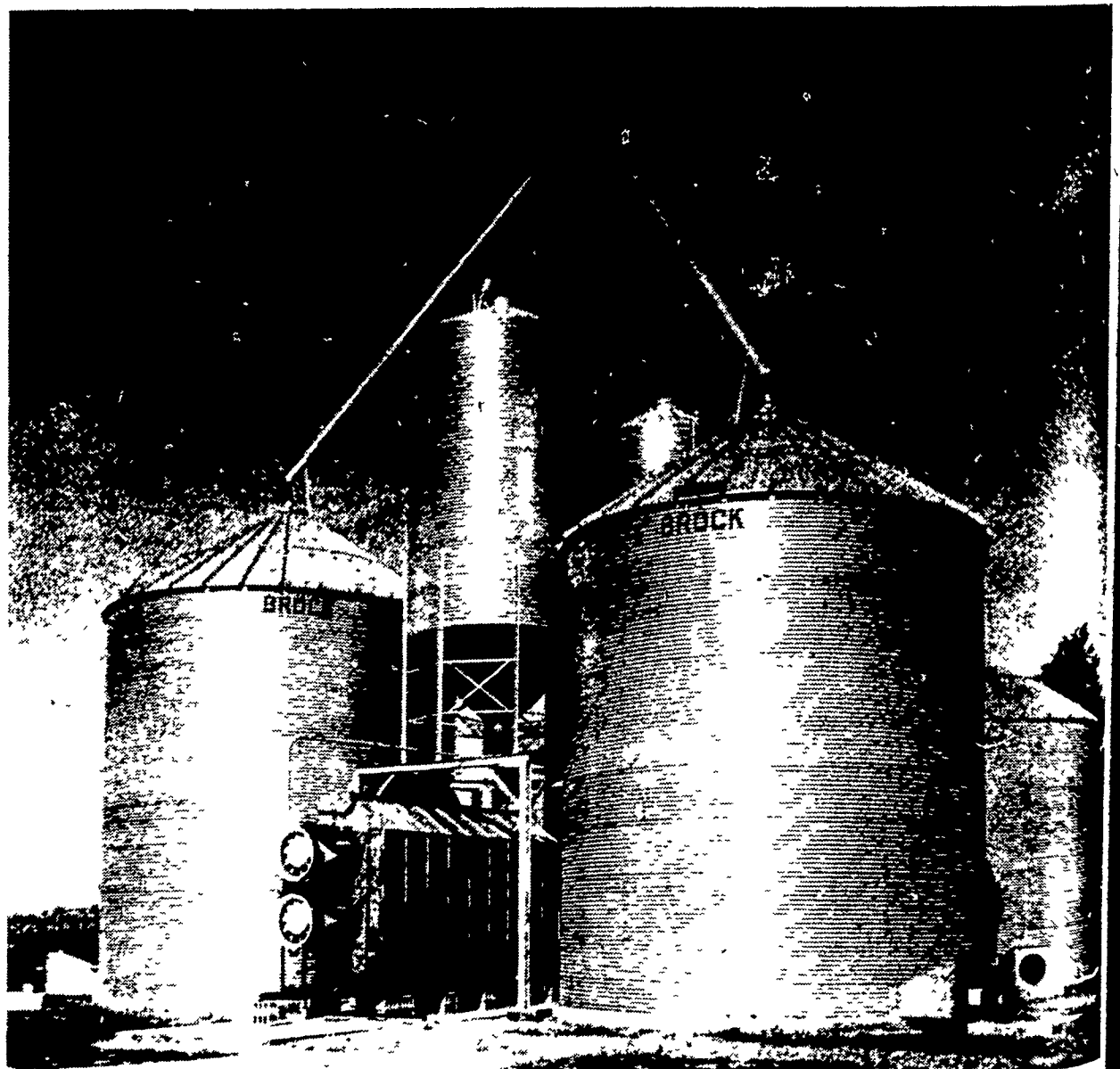
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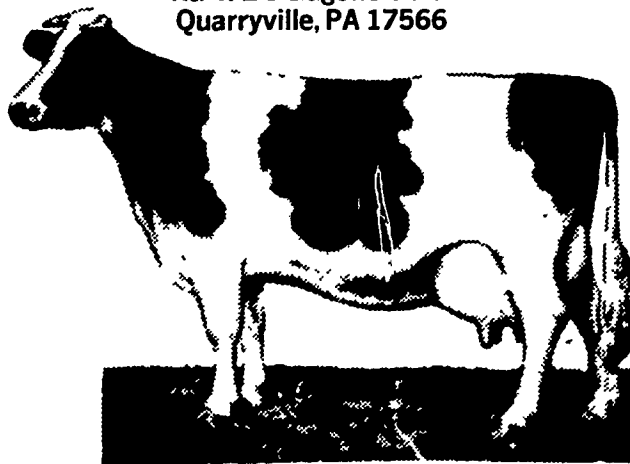
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My Thoughts

And welcome to them

By **JOANNE SPAHR**
Associate Editor



I was the chief teat and bottle washer in the Spahr family dairy operation 15 years ago. Only, back then, I didn't know that they were called "teats" or "quarters." I only knew them by one name - it started with a "t", ended with a "t", and had an "i" in the middle.

For years I used this word unabashedly in front of my friends, neighbors, and relatives. Then, one day in school, I realized that this particular three letter word was dirty (as most three or four letter words are), and from that time forward I had a heck of a time trying to talk about the t..., well, ... about the four things that hang in front of a cow's back legs, without biting my tongue or turning red for days afterward.

But, it wasn't only talking about them that was bad - it was working with them, also. Or, should I say, it was tough working with my father and brother.

Unaware of my newly developing sensitivities as I reached the beginning of puberty, the men used the words as often as they said each others names.

"Jo, you missed this t-." they would yell at the top of their lungs, loud enough for the neighbors across the field to hear. As I'd slink up the walkway, hunching my shoulders to hide the new bloom of a figure which only I knew was there, my Dad would start in with a lesson on you-know-what washing.

"Jo, I'm telling you," he'd say sternly, "if you don't wash these t-- better, you're going to have to

The farmland purchased for \$1,000 an acre in 1973 would cost 25 per cent more - or \$1,250 in 1974.

have a nice weekend...

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That, at least, was the average percentage hike in farm real estate values across the nation according to a USDA survey for the year ending March 1, 1974. The survey attributes last year's gain to the record level of net farm income in 1973 and to buyer's optimism about future income.

wash each one twice!" I was aghast that he could use the dirty word twice in one breath - to me that was worse than cursing on Sunday.

As I washed and dried the hanging hook-ups of the gentle Holsteins, I would look at the big, soft, eyes of the animals and wonder if they felt degraded by the language in the barn. Most of the times, they just wheezed, rolled their cuds up in their necks, and started chewing. They weren't too couth, but what can you expect from the animals who think their bodies are three letter words?

Jo-Dan B. E. Ivan . . .

34,298 MILK



40H2455 Jo-Dan B. E. Ivan "VG" (89) aAa 485321
PD: +1057M +6F +67S 64% Rep. 5/77 USDA
PDT: -.025 44% Rep. 2/77 TPI: +167 HFA

Son of
famed
Black Eagle

Jo-Dan brings top production on line with the extraordinary type of his sire: Paclamar Ivanhoe Black Eagle "EX" (93) GM. Prominent herd sire at Paclamar Farms before joining Curtiss, Black Eagle was coded "1" in 10 of 12 categories for type. His PDT: +.67 99% Rep. 9/76 HFA.



Daughter Faria Farms Ivan Blossom "EX" (90)
Pictured when milking 117 pounds per day.

Persistent aggressive daughters

Jo-Dan daughters have a beautiful blend of strength, style and dairyness, with excellent, snug udders and correct feet and legs. They're strong — especially at the front — and aggressive eaters, so they milk heavy and long. Several Jo-Dan 2-year-olds are milking over 80 lbs. daily.



Daughter: Faria Farms Ivan Blossom "EX" (90)
3-03 2X 339d 20,200M 3.6% 740F
4-03 2X 320d 22,820M 3.3% 765F

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Dam is 4-time record holder

Jo-Dan's dam, Beaucrest Wiscap Beauty, 4-time National Record Dam, held the National Senior Three-Year-Old Milk Production Record at 305 days with 30,700M 3.2% 993F. At 365 days that lactation was 34,298M 3.2% 1,102F. (a very distinguished cow.)

All available completed lactation data not included will be provided upon request



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Dairying is a tradition

(Continued from Page 150)

Aware of the need for public relations, the Smiths have for years been host to busloads of urban two more are already contracted for.

"We didn't go out and buy these cattle," Smith explained while washing the udder of one of his Holsteins. He considers a sound breeding program to be the key to success with dairy cows and in more recent

years has learned to do A.I. himself. Minor medical care is also administered by the Smiths.

"My outlook for the dairy business is great, or I wouldn't be putting a new milking parlor in," Smith continued with a grin while attaching a milker to one of his top cows. "It's a lot of work, long hours and confining, but what business isn't confining?" he asked. Smith is helped on the home farm by three sons and a daughter. All have

registered cattle of their own and are active with club and show activities. One son, Robert, has a Junior All-American 2-year old in his show string.

On the subject of milk prices, Smith says "we'd all like to get as much as we can, but the co-op is doing a good job of selling our milk for us. They deserve a lot of credit and the fieldmen are helpful too." The Smiths are members of Maryland Cooperative Milk Producers, Inc.

youngsters. Two years ago a group of kids in special education came to his farm. It's an event which Smith isn't likely to forget.

"I couldn't have been busier, but somebody has to have time for them - we must do some of our own promotion - so I consented to their coming here," the accomplished dairyman recollected. "I really enjoyed seeing those kids who never saw a cow or chicken before!" he said enthusiastically. Smith's conviction for the necessity of keeping the public informed about farming is further evidenced by his willingness to host families during farm visitation days. Just yesterday (June 3) the Smiths welcomed 100 first-graders from an elementary school.

Philosophizing a bit about public relations, Smith commented: "It's sad when farmers aren't willing to do this when asked. Too many of us want to say we're too busy; I'm busy too, but it's something that has to be done. The dairy isn't going to promote our product for us."

Whether June is dairy month or not, Smith feels farmers can't keep on saying 'no' to opportunities which

would help further their image. "If we keep saying 'no,' what kind of image are we going to leave? We have to do a little advertising ourselves," he insists.

Recognizing dairy farming opportunities, the Harford County, Md. dairy farm

family has found it to be a rewarding and pleasant way of life for more than three generations. They'd like to keep it that way and figure consumer education to be a part of their obligations if the family farm is to be preserved.

Elizabeth Herr earns Kunzler scholarship



Elizabeth Herr

Narvon, Pa. - Elizabeth W. Herr, Narvon, R2 was named winner of the \$600 Kunzler Meat Packing Scholarship according to an announcement made by Henry E. Givler, vocational consultant of agricultural education, Harrisburg.

The Garden Spot High School senior is the daughter of Dr. and Mrs. Robert D. Herr. She will enter The Pennsylvania State University in September

where she will enroll in the pre-veterinary science curriculum in the College of Agriculture. Her further plans are to eventually enter the University of Pennsylvania's School of Veterinary Medicine at New Bolton Center.

Miss Herr has served as treasurer of her school class for three years, held the post of vice-president of the Grassland FFA Chapter, been named a National Merit finalist, been active in school sports, and recently competed in the State P.I.A.A. Track and Field Meet. She is active in 4-H and FFA activities and received the Keystone Farmer Degree in 1977.

The Kunzler Scholarship is awarded annually to a college bound senior from Lancaster County who is pursuing an agriculture related career. It is sponsored by the Kunzler Company, Inc., of Lancaster and will be presented by a representative of the company at the June 15 commencement exercises.

Tom Middleton wins at Buck

THE BUCK, Pa. - Tom Middleton of Ridgely, Md. captured two first places at last Saturday's Buck Tractor Pulls, while throttling his IH 1066 to victories in both the 12,000 and 9000-pound super stock classes. Middleton won the heavy class with a pull of 261 feet, two inches, beating Harry Griest and his IH 1456 who finished with a pull of 229 feet 11 inches. Placing third was Charles Snyder of Andreas, Pa, who piloted his rig to a distance of 167 feet five inches.

Middleton's winning pull in the 9000-pound super stock class amounted to 286 feet, four inches. Griest again came up second, with a pull of 264 feet, eight inches. Tony Stauffer, aboard a Deutz 9006, checked in third with a pull of 257 feet, nine inches.

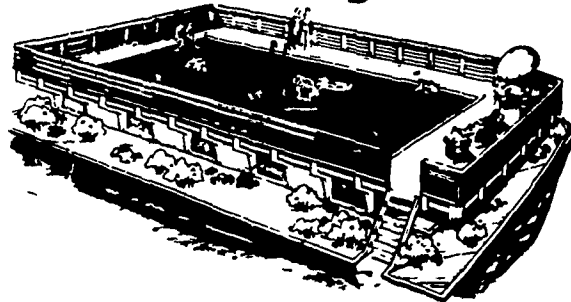
In other classes, the action results were:

5000-Pound Modified

1. Gary Mills, Fallston, Md., AC with 427 Chevy engine, 243-0;
2. Frank Stifler, Fallston, Md., Oliver 88, 230-

(Continued on Page 129)

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Each cow producing 10 lb. or more over the herd average should receive extra feed. In actual trials, cows on the Serv-O-Matic consume an extra 10 lbs. of grain per day (while eating some less in the parlor). Milk output shows an average increase of 1 lb. of milk for each pound of concentrate fed through the Serv-O-Matic... some as high as 5 lbs. of milk per pound of feed!

One Serv-O-Matic will normally handle 20-30 cows in an 80-120 cow herd. Normal procedure is to put fresh cows on extra ration and remove the magnet when production drops to a predetermined level.



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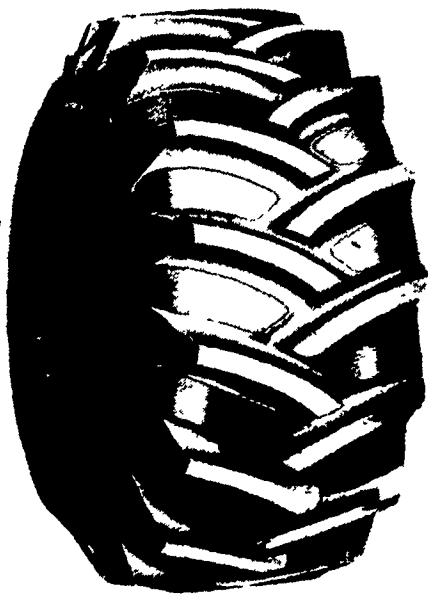
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Red Holsteins 'keep them calling'

By JOANNE SPAHR
HERSHEY, Pa. - "We've lived on this farm for 18 years, and we've had a fairly good average all along, but we've never had them knocking on our door the way they do now," says Mr. and Mrs. William Capp, Elwillow Farms, Hershey R1.

What has made the difference in the popularity of their Holstein herd in the past five years? The answer is simple - the addition of 52 red and whites to their milking herd of 95.

"Just this week we've had calls from Hungary, Canada, and Wisconsin," reported

Mrs. Capp (Elsie) two weeks ago. "And, we've had other offers from Brazil."

The prices offered for these animals are enough to make a dairyman's eyes water, with some bids equalling more than twice what the Capps have ever been offered for black and white.

"That's one of the things that got me interested in this," remarks Mrs. Capp. "When you're offered \$200 for a bull calf, you think twice - especially when nobody ever offered more than \$75 for a black and white." Another figure the Capps was \$2500 for a two-year-old.

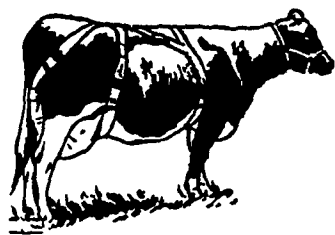
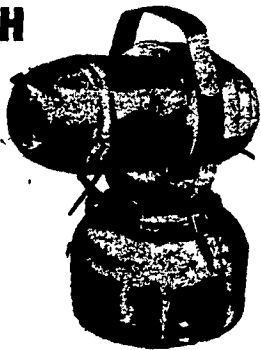
Of course, the big question at this point is "Why?" That answer is relatively uncomplicated. Buyers from the South American and European countries like them, for one thing, and they also claim that the red pigment in the animals'



Debbie (left) and Donna Capp pose with their red and white Holstein FFA heifers. Both girls are in the first year with the Lower Dauphin FFA Chapter and they say they "love it."

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hides helps them to take the heat better than black and whites. And, thirdly, breeders of dual purpose animals in Switzerland and Hungary cross the red and whites with the dual purpose animals to get more milk and more feminine frame. So, when the demand is there, the price commanded

is good.

And, while the prices are top dollar, the milk production of the red and whites is nothing to scoff at either.

"Several of our red and whites milk over 100 pounds, and our top one peaked at 118

[Continued on Page 128]

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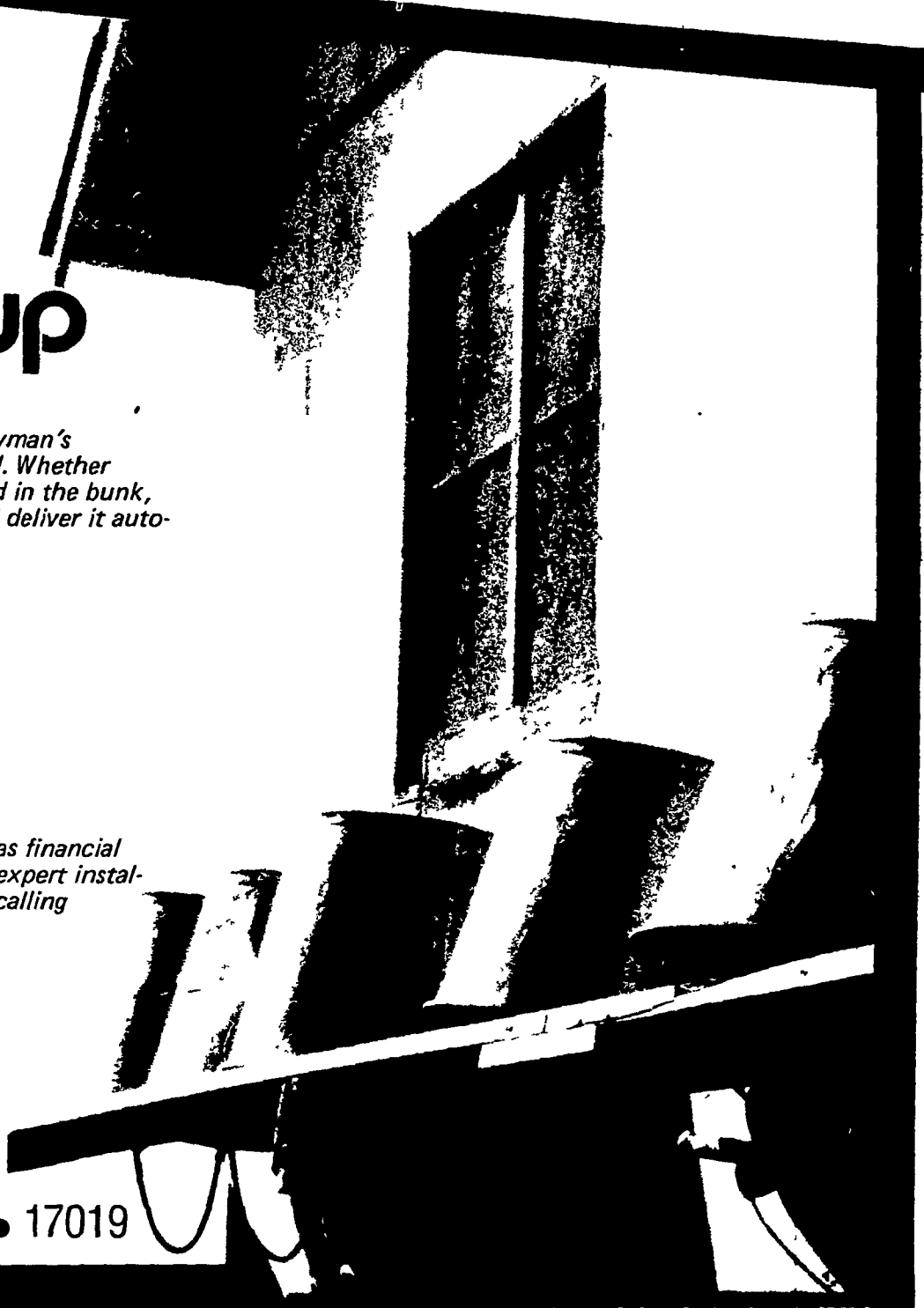
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The Capp family poses with the first red and white Holstein they ever raised. From left to right the family members are: Debbie, Donna, William, Sr., Billy, and Elsie Capp.

Red Holsteins

[Continued from Page 127]

pounds, which is up there with the others," Mrs. Capp notes. She also pointed out that of those animals which milk over 100 pounds, the butterfat test is 3.8.

"So, I think they're just as good as the black and whites," she concludes.

When Elsie Capp talks in the first person, saying "I got interested," and "I think," and calling them "my animals," there is a reason - she is mainly responsible for the introduction of the red and whites into the family herd.

"Those red and whites weren't my idea," stated William Capp during an interview with Lancaster Farming. "They're really her cows," he said, looking over at his wife and giving her the credit.

William Capp had always been a black and white fan, but his wife had other tastes.

"I always wanted a red and white, she recalls, thinking back to her life on her father's dairy farm. "But, whenever a red calf was born, it was sold right away because it was considered a freak."

Although she never had a red and white, she still harbored the desire to own one some day.

Then, in 1970, one of the Capp's Ivanhoe cows had a red and white bull calf by a fluke of nature, and Elsie Capp thought she had her red and white.

"But, our artificial breeder came in and offered us \$200 for him, and he was gone," she remembers. The price of the animal coupled with the thought of nearly having one for herself after all those years, however, made Elsie more determined that she was going to have red and whites. And, it didn't help that a neighbor and business acquaintance was developing one of the largest herds in the state right before her very eyes.

Then, in November of 1973, the Capp's bought a bred heifer which gave birth in January of 1974 to a red and

white heifer calf which Elsie had waited for so long.

"That calf turned out to be the most spoiled animals we have in the barn," she says with a wry turn of her head and a silent laugh at her indulgence.

"We let her run loose in the barn and she grew up on dog food," she continues. "It used to be cute, but it's not so cute anymore when she gets loose and starts eating up all the dog food."

That statement was varified later in the day when, during milking, the "spoiled brat," got loose and headed straight for the dog food.

"See what I mean?" Elsie asked with a helpless shrug of her shoulders.

This pet of Elsie's, however, is the second highest red and white producer the Capps own. At three years old, her production record is 21,195 pounds of milk and 794 of fat.

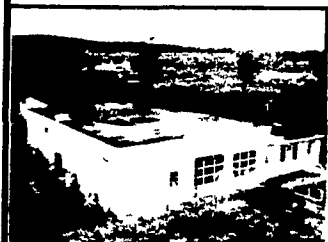
The only red and white animal to top this record is a four-year-old owned by 13-year-old Bill, Jr. "Miller's Rinnie," the daughter of

Pinelee Rich Gift, has a record of 24,314 pounds of milk and 782 of fat. Those figures topped most of the

[Continued on Page 130]

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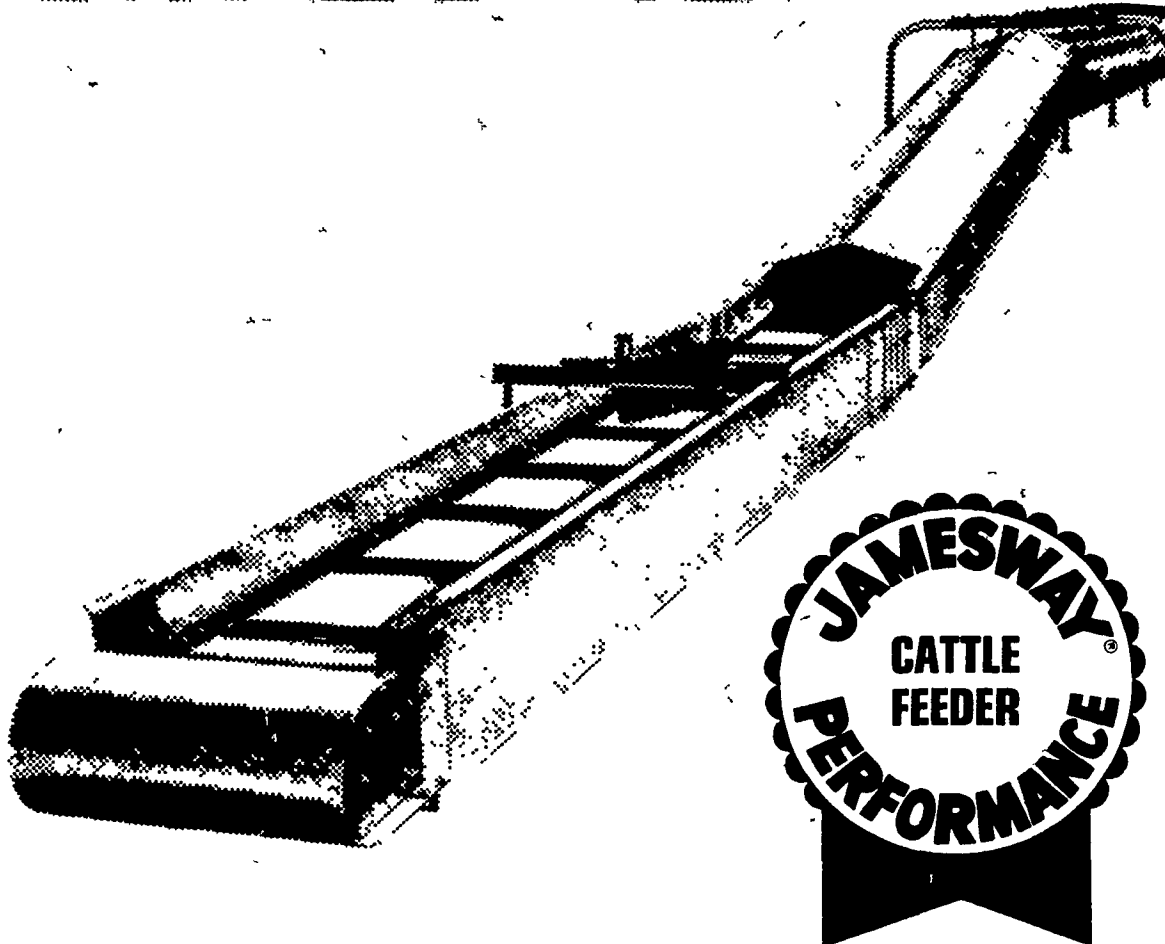
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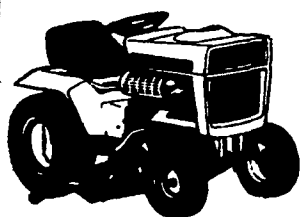
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On being a farm wife

—And other
hazards

By
JOYCE BUPP

Dairy farms today have become super-automated, with machines, motors, and the push of buttons doing many of the tedious, time-consuming chores of Grandpa's day.

Sometimes I wonder, though, when the third motor in a week has gone up in smoke, breaker switches are doing just that (breaking), and we begin buying fuses by the dozen, whether the mechanical marvels we maintain as slaves haven't instead turned the tables, enslaving us gullible gadget collectors.

Kings of the dairy farm electrical apparatus are probably the milking machines and that marvelous, gaping-mouthed refrigeration unit known as a milk tank.

The depths of a milk tank are fascinating, with that beautiful white liquid slowly stirring and cooling down there. Our entire lives, and pocketbooks, center around that big stainless steel hulk performing its job of cooling the milk production to perfection on its way to the bottling plant. But, like humans, milk

tanks sometimes wake up on the wrong side of the bed. For no reason at all, the compressor motor goes on strike or the agitator stubbornly refuses to perform its ring-around-the-rose dance.

During our first years of milking here at Bupplyn Farms, I recall one night when for some reason the cooler didn't cool. However, the stirrer continued to stir. Guess what we had the next morning? Beautiful little islands of golden butter, floating in a sea of skim milk. It was great for toast, but hard on the butterfat test for the day.

Other times it takes an opposite turn. For instance, the cooler has occasionally worked overtime, refrigerating in a frenzy. That generally gives the milk truck driver a surprise when he opens the lid to take a sample.

"Popsicles!" he pronounces, confronted with a two-inch coating of ice lurking inside the tank. Milk is best served ice cold, anyway.

But, however the tank

decides to put in its bid for attention, it will undoubtedly happen just after the evening milking, when neighborhood refrigeration repair men are charging overtime for after-hours calls. Holiday weekends are always favorite breakdown targets, too.

So no matter when the tank catches chills or fever, we can count on dropping everything else and sitting with the sick patient until it's been doctored back to health again.

at Buck

(Continued from Page 126)

8; 3. Gary Mills, M-44 with 427 Chevy, 229-9.

**5000-Pound
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1. Tim Stauffer, Ephrata, Deutz 8006, full pull, 234-8; 2. Dale Smoker, Cochranville, AC180, full pull, 150-4; 3. James Ringler, Berlin, IH560, 294-7.

**9000-Pound
Open**

1. Lester Houck, Kinzers, two 440 Dodges, 288-2; 2. John Ferry, Westport, Mass., two 427 Chevys, 287-1; 3. Tom Middleton, IH1066, 286-10.

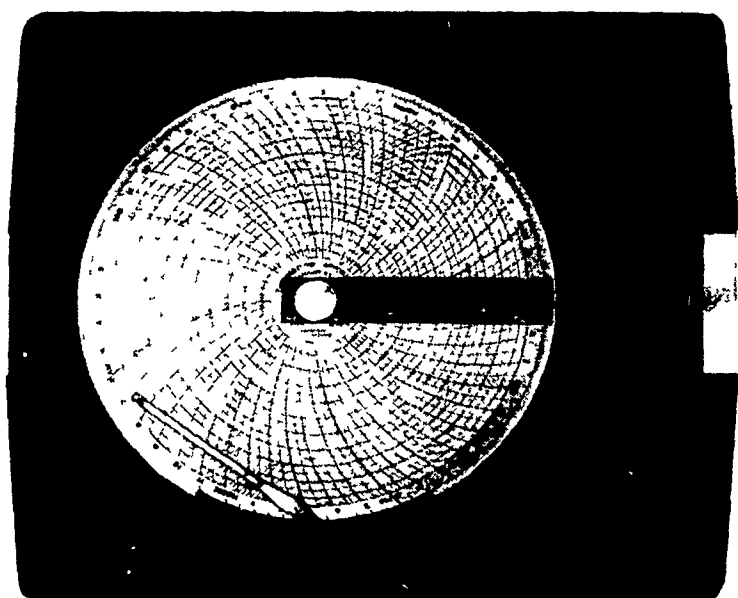
**700-Pound
Modified**

1. John Ferry, 265-10; 2. Lester Houck, 257-3; 3. Greg Manners, Ringoes, N.J., M55, 249-4.

**7000-Pound
Super Stock**

1. Tony Stauffer, New Holland, Deutz 9006, 292-4; 2. Tim Stauffer, Ephrata, Pa., Deutz 8006, 268-0; 3. Marlin Brubaker, Quarryville, Pa. ACD-21, 256-8.

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Red Holsteins

(Continued from Page 128)

black and whites in the Capp herd and were outdone by only one black and white.

Although Bill, Jr., may have his father's name, he shares his mother's fondness for the odd-colored Holsteins.

"Billy's aim is to have a herd of all red and whites," states Mrs. Capp with pride.

He's already on his way with nine red and whites which he purchased himself. Billy has bought most of his animals at red and white sales for about \$600 - \$700 a piece for a yearling heifer. He's been forced to buy his heifers because his animals have been producing more bulls than heifer calves at a ratio of four to one. Out of his five heifer calves that were born on the farm, two died, leaving him three to raise.

His sisters, Donna, 16, and Debbie, 14, have been luckier.

Donna, who is a member of the Lower Dauphin chapter of the Future Farmers of America, has fared the best. Her animals kept having heifer calves, and at present, she has a total of 10 dairy animals, six of which are red and white, and the remainder black and white.

But don't let that number fool you, though, Donna just sold two animals to buy herself a 1970 Maverick, with some money left over, to boot.

"Before this I had another that only took one Holstein to buy," she says with a big grin. Her philosophy for the future is to just keep raising heifers because they are good investments.

Her younger sister Debbie has the same philosophy. At present Debbie has five red and whites (three cows, and two heifers), and four black and whites.

As soon as she is old enough to drive, she's going to follow the same route as her sister did.

How did the children get so involved in raising dairy animals?

"When they were two years old, we bought each one a heifer calf instead of an insurance policy," Elsie Capp says. "And, that's the last we bought them any animals - they've taken all responsibilities from there."

The children grew up loving the animals and working with them, so there was a natural inclination to build up a herd.

"And, now the girls are in FFA and have red and whites as projects," Mrs.

Capp points out, "So, they've just kept interested."

This is the first year for both Donna and Debbie to be members of FFA, and they love it.

And, while Billy wasn't old enough to be in FFA this year, he "can't wait" to take part, according to his mother.

When you add up the total of Billy, Donna, and Debbie's red and whites, you'll find that 20 of the 52 in the herd are theirs.

So, with three children and a wife favoring the red and whites, William Capp is slowly giving in and swaying toward the side of the red and white lovers.

At present the Capps are breeding all their heifers with their two red and white bulls, and have many animals in the herd that are red factor carriers. Eventually, they may have an all red and white herd.

"At first I wasn't for the red and whites, but now I like them too," says William Sr. The only problem he sees with the red bloodlines is that the sire selection is more limited than with the well established black and whites.

William Capp does all the artificial breeding for the herd, having taken an AI course with Curtiss.

And, this year, for the first time, the Capps have decided to consign three of their animals to the National Red and White Show and Sale at Elkhorn, Wisconsin, on September 3 through 5.

"Buyers get upset with Mom," pointed out Donna, "because she never wants to sell."

In defense of herself, Mrs. Capp acknowledges that she is a little "strong-willed" when it comes to selling her animals, but, "they always want to buy the kids' pets or our best animals, and we need them because we're still building up a herd."

But, this year, she decided to consign a second-calf heifer.

Even though they're not Elwill's best animals, it is going to be hard for the Capps to part with some of their red and whites.

But, there will be others to take their places, and the Capps know it.



Federal milk orders explained

ROSEMONT, Ill. - Dairy farmers do not march to the tune of the federal government. However, the milk they produce is controlled by state law, federal marketing orders, or both.

About 80 per cent of the milk produced in the United States for drinking purposes is marketed through 61 Federal Milk Marketing Orders throughout the country.

A "federal order" is a regulation issued by the Secretary of Agriculture on the handling of milk. It operates locally under a market administrator appointed by the secretary.

The Federal Milk Marketing Order requires that dairy farmers regularly supply the market by paid set minimum prices for their milk. These payments for milk but be pooled and paid on the basis of the established uniform price.

Milk handlers are the only ones regulated by the orders. Dairy farmers may produce and sell any amount of milk. As long as they can find a

handler to purchase the milk, farmers are entitled to the order's benefits.

As early as 1900, erratic and widely fluctuating prices had become a serious and characteristic problem of fluid milk markets. Following World War I, many farmers formed cooperatives in an effort to stabilize prices through collective bargaining with handlers.

But these bargaining arrangements frequently were disrupted by a minority of dairy farmers and dealers who continued to trade in milk without regard to the bargaining agreements.

When the depression of the early 1930's broke down most bargaining arrangements and caused farm milk prices to collapse, farmers turned to the government for help. Local and state regulatory agencies were established throughout the country and were effective in stabilizing prices. But only Federal authority had sufficient scope to regulate markets where part of the milk

entered into interstate commerce.

The Federal orders of today are based on the Agricultural Marketing Agreement Act of 1937, which sets out in detail the authority granted earlier.

Federal orders bolster market conditions with a legal framework of rules and procedures on which orderly marketing activities can be based to the benefit of all parties concerned.

Federal orders seek to stabilize market conditions and do away with those particular characteristics of unregulated markets which are both harmful and unnecessary. These rules and procedures serve to:

1. Give farmers, milk handlers, and the public an active voice in determining minimum farm milk prices through a procedure of public hearing.
2. Establish minimum farm milk prices that:

a.) assure farmers as much for their milk as general

supply and demand conditions in the market warrant and,

b.) assure the market of adequate supplies of milk.

3. Provide for the orderly marketing of surplus milk through:

a.) a pricing method based on the uses in which milk is sold, and

b.) a payment method by which farmers are assured uniform prices for the milk they deliver to the market or to individual dealers in the market.

4. Reduce the danger of unwarranted and harmful fluctuation of prices paid to farmers.

5. Assure farmers of accurate weighing, testing, classification, and accounting for milk.

6. Make available information on the handling of milk in the marketing area so as to enable interested parties to evaluate the market situation.

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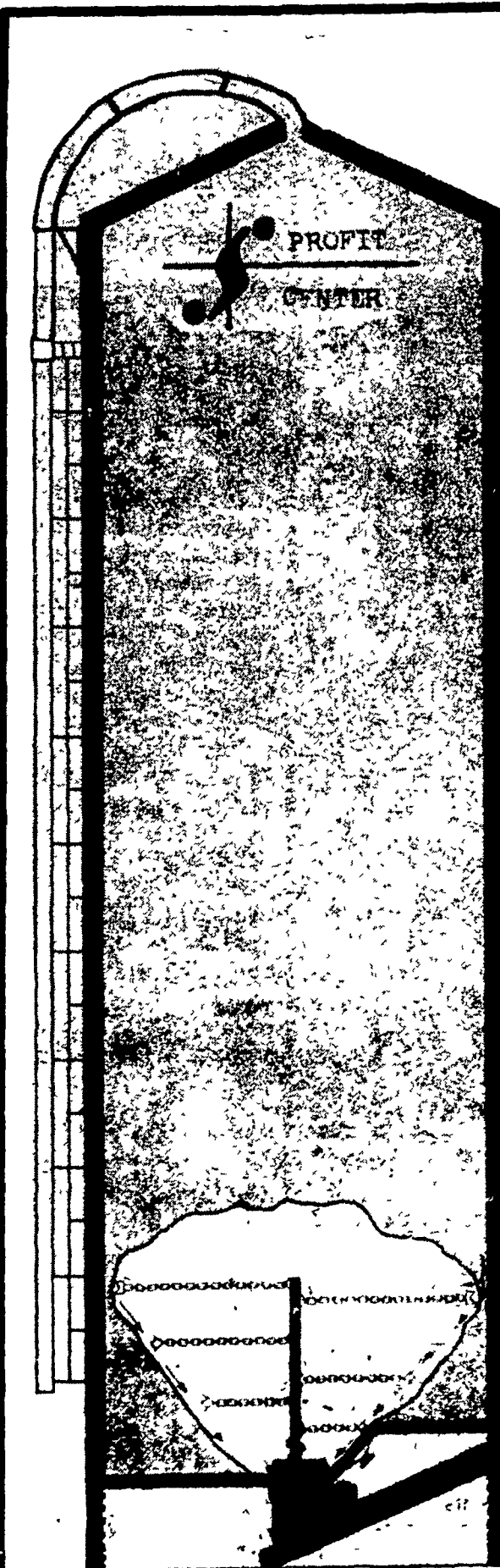
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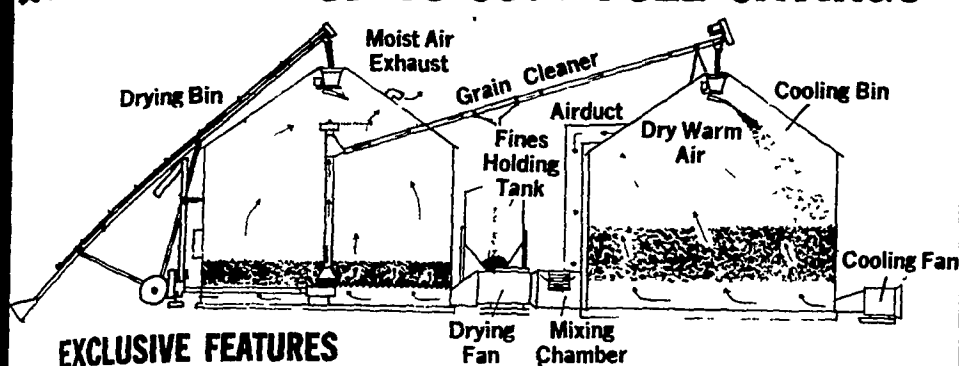
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PREHEATING, grain is not suddenly exposed to high heat like in most dryers, but rather is slowly preheated as it moves down to the final drying stage. This reduces drying stress and produces better grain quality.

NO STIRRING, which means less moving parts and less grain damage.

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SURGE CAPACITY, wet grain may be added to the drying bin at any time, as fast as you harvest. [no waiting around to unload].

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21	72	2352	4096
24	88	3552	4300
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18-7	4350	2481	1679
21-7	6011	2982	2018
24-7	8064	3554	2405
27-7	10227	4180	2829
30-7	12804	5139	3477
33-7	15708	5926	4010
36-7	18948	7000	4737
42-7	26481	9449	6394
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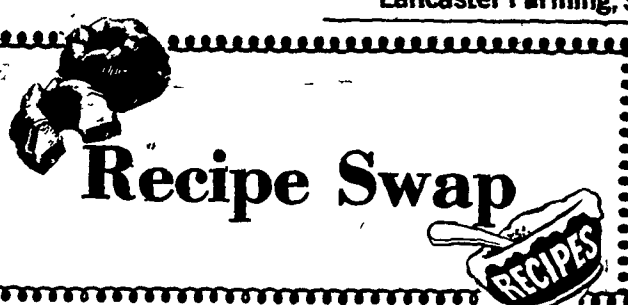
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Recipe Swap

Just as with "Home on the Range," we received many dairy recipes for "Junior Cooking Edition." This week we will be printing six of those contributions, and saving the rest for the upcoming dairy month weeks. But, don't let that hinder you from sending in more recipes in the coming weeks. We would really like to build up our files with berry recipes, garden vegetable recipes, and picnic favorites, so when you have some time, why not send a recipe contribution to Junior Cooking Edition, Lancaster Farming, Box 266, Lititz, Pa. 17543. And, don't forget to add your whole name, address, age, and phone number.

CREAM PUFFS

1 cup milk
1 cup sifted flour
4 eggs
Pinch of salt
½ cup butter

Put milk and butter in a double boiler, let boil, and then add flour and salt. Let cook for two minutes. Remove from heat. Add eggs, one at a time, and beat well. Drop in muffin pans. Bake at 350 degrees F. for 45 minutes. Cool, then fill with whipped cream.

Susie Burkholder
Ephrata, Pa.

SOFT CUSTARD

4 tablespoons gelatin (four packages)
1 cup cold water
2 quarts milk
4 tablespoons sugar
1 teaspoon salt
4 teaspoons vanilla

Soak gelatin in cold water. Then, heat milk, sugar, salt, and vanilla. Add gelatin mixture to scalded milk, take off heat. Cool, and serve.

Grace Weaver
Mifflinburg, Pa.

DAIRY QUEEN ICE CREAM

2 envelopes unflavored gelatin

½ cup cold water
4 cups whole milk
2 cups sugar
2 teaspoons vanilla
1 teaspoon salt
3 cups cream

Soak two envelopes unflavored gelatin in cold water. Heat milk until hot, but not boiling. Then add gelatin, sugar, vanilla, and salt. Cool and add cream. Put in refrigerator for five or six hours before putting into ice cream freezer. If a fruit dessert is desired, add the fruit when the mixture is partly frozen.

Arlene Burkholder
Ephrata, Pa.
Age 7

GRAHAM CRACKER FLUFF

Filling:
2 eggs separated
½ cup sugar
2-3 cup milk
1 package unflavored gelatin
½ cup cold water

1 teaspoon vanilla
1 cup cream
Crust:
3 tablespoons melted butter
3 tablespoons sugar
12 graham crackers, crumbled

For crust, mix together melted butter, three tablespoons sugar, and graham cracker crumbs. Reserve one cup for top and press the rest on bottom of two-quart bowl. For filling, beat egg yolks, and add ¼ cup sugar and milk. Cook in top of double boiler until slightly thickened. Then, soak one package gelatin in the cold water.

Pour the hot mixture over the gelatin, and stir until smooth. Chill until slightly thickened. Add egg whites, stiffly beaten, and vanilla. Whip one cup cream and add to rest. Pour this mixture over the crumbs in dish and top with reserved crumbs. Chill until firm.

Emma Burkholder
Ephrata, Pa.

EGG NOG

2 quarts cold milk
½ cup sugar
1 teaspoon vanilla
2 or 3 eggs

Nutmeg to taste

Beat eggs, and mix all ingredients together. Serve.

Louella Weaver
Mifflinburg, Pa.
Age 12

COLD SUMMER SUPPER

2 quarts whole milk
1 quart fresh or canned fruit
½ loaf bread

(approximately)
Sugar to taste
1 teaspoon vanilla

Add crushed fruit, sugar, and vanilla to milk. Add enough broken or cut bread to absorb milk. A wide variety of fruit may be used. Serves six.

Mary Anna Weaver
Mifflinburg, Pa.
Age 10



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AND IT'S A STIHL.

DHIA milk samples used to check pregnancies

Half of cows' heat periods missed

By DIETER KRIEG

LANCASTER - If you think you know all there is to know about artificial breeding and heat cycles, you may want to reassess your position after listening to Penn State dairy specialist Harvey Schaefer. The Extension dairyman says one study revealed that between 20 and 30 per cent of artificially inseminated cows weren't even in heat at the time of service. Another report shows that 60 per cent of heats were missed by good herdsmen. One national study tells of dairymen missing 50 per cent of the cows coming into heat in their herds.

There aren't many dairymen around (if any) who will deny that breeding efficiencies are one of their main concerns in maintaining profitable production. Realizing this, Penn State research has studied the problem for years. New concepts are being tried and developed. An example of the latter which is becoming known to a number of Pennsylvania dairymen is the pregnancy check through milk samples. It's still only performed on a limited experimental basis, but the day may arrive when farmers can have pregnancies reported by way of monthly DHIA summaries. In trials conducted at Penn State thus far, DHIA pregnancy checks are 99 per cent correct on negative responses, and 65 to 78 per cent correct with positive results.

Schaefer predicts that the cost of a pregnancy checking program by way of DHIA milk samples would be

"minimal." Great Britain is already offering such a service to dairymen while continuing to study its applications. Similar work is being conducted at Cornell as well.

While some circles of dairymen are discussing the shortening of calving intervals, the Penn State dairy scientist has reservations and second thoughts about it. He would rather see dairymen work on the shortening of long calving intervals within a herd, rather than the herd as a whole. "We shouldn't be as concerned if a cow goes over a 12 to 12½ month calving interval," Schaefer tells Pennsylvania dairymen.

Acknowledging that heat detection can be a real problem, the dairy specialist recommends turning cows out at least once a day and possibly employing heat detection devices.

"Heat detection is most difficult in free-stall barns," Schaefer reports, suggesting that five to ten minutes of heat observation four times a day during times when cows aren't doing anything else will be a step in the right direction. "Look at them first thing in the morning and last at night," he recommends.

Schaefer also urges dairymen not to assume too much from any one thing, such as the time of breeding in relation to time of standing heat. There are too many variables, the specialist explains. Also, there's absolutely no guarantee that the semen is fertile except the reputation of the person you might buy



Harvey Schaefer

semen from. He advises that semen not be purchased second-hand or from third parties. "Buy direct, that's the only safeguard you have," he stresses. "Anytime you go beyond the production source of the semen, you're on the ice," he affirms.

Schaefer, who has devised a unique educational chart for heat cycles which incorporates a series of sliding boards, used the device to illustrate his message on heat detection. He declares that periods of standing heat last 18 hours (plus or minus six hours) on 85 per cent of cows studied. The time to ovulation is another 12 hours, giving an average total of 30 hours from the time standing heat first occurred. Carrying the

illustration further, the Extension dairy specialist points out that the average life of the egg is 10 hours. Bringing the sperm cells into the picture, the dairyman has quite a time range during which he could successfully breed his cow if all systems are functioning normally.

Dairymen and Penn State researchers know, however, that it isn't all that easy. A common error, says Schaefer, is for dairymen to want to breed their cows too early. He recommends that the time of breeding be recorded on breeding charts, not just the day. Also, anytime you see a cow in heat 18 hours after she was bred, it's time to give her a second heat.

"The more accurately you can determine the beginning of heat, the better your chances of settling the cow," says Schaefer. "Know your cows individually," he recommends.

The appearance of blood after breeding is meaningless as far as breeding results are concerned. "It just means the cow was in heat," says the dairy scientist. Recording the blood sightings on breeding charts could be helpful in determining a cow's schedule. Blood should appear 24 hours after breeding if the cow was bred

at the proper time. Cows may still settle if bred after bleeding occurs, but chances are pretty slim.

According to Penn State specialists, the act of breeding may hasten

ovulation. The yellow body on the ovary governs the length of heat periods. Cows do not necessarily come into heat at night, it's just that the most signs of heat occur at that time, says Schaefer.

McGovern disagrees

WASHINGTON, D.C. - Senator George McGovern says that the administration arguments being used as justification for thinly veiled threats of a veto if the Congress passes the Senate version of 1977 Farm Bill are specious. "The administration line, which unfortunately has been picked up in news accounts describing the farm bill controversy, is that the bill as passed by the Senate would cost too much. But that argument is simply a straw man."

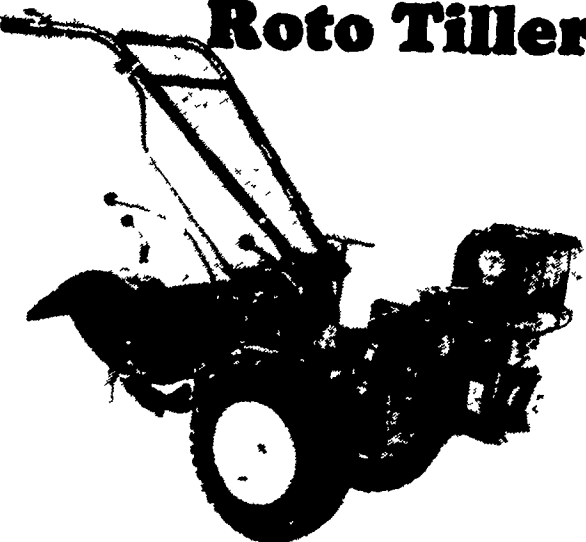
"In its presentation to the Senate Agriculture Committee, administration representatives time after time said that they were using figures based on the best possible weather and

the worst possible market conditions. Doing so dramatically inflates the cost figures which have no relation to reality."

"Over the five year life of this bill it might be reasonable to believe that those conditions could prevail for perhaps one year out of the five. It is absurd to make decisions based on the historically inaccurate USDA predictions of yields and market conditions."

"I am perfectly willing to debate the merits of the Senate passed version of the Farm Bill. But that debate should be focused on reality. It is safe to say that historically no agricultural support program has ever reached the point of 'maximum exposure'."

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Lebanon County girls aim for dairy royalty

LEBANON, Pa. - June 13 through 18 has been designated "Dairy Week" at the Lebanon Valley Mall, here. During that time, various dairy exhibits sponsored by 4-H dairy clubs, the Future Farmers of America, and commercial organizations will be on display. For the children, a cow coloring contest will be displayed for which judging

will take place Thursday afternoon in the mall.

The highlight of "Dairy Week," however, will come on Friday evening at 7:30 p.m. in Boscov's Auditorium, when Rose Marie Brandt, 1976 Lebanon County dairy princess, will crown her successor.

Five county girls will vie for this year's title. They will be evaluated with the judges

as well as stage performance.

Entertainment for the evening will be provided by Joyce Bupp, Seven Valleys, who will perform a skit entitled, "There's a farmer in here, somewhere." Mrs. Bupp is the York County reporter for Lancaster Farming, for which she writes a column entitled, "On being a farm wife - and other

hazards."

The five girls competing for Lebanon county's dairy royalty are:

Susan Bomberger, the 16-year-old daughter of Mr. and Mrs. Donald Bomberger of Annville R3. Susan attends Annville-Cleona High School, and hopes to major in horticulture or botany in college. Susan's activities include National Honor Society, Mat Maids, NoSoAnn Dairy and South Mountain 4-H Club, as well as the Teen Council Fair Board. She is a member of the Salen Lutheran Church. Her parents own a dairy herd of 110 Jersey Cows.

Joann Hostetter resides with her parents, Mr. and Mrs. Harold E. Hostetter, at Annville R2, where her parents own 52 head of Ayrshire dairy animals. Joann is 17 years old and attends Northern Lebanon County High School. She is a member of the National Honor Society and the Bible Club at Norlebo. She also serves as Sunday School teacher.

Natalie Hostetter is the 19-year-old daughter of Mr. and Mrs. Penrose Hostetter of Annville R2. Since graduation from Annville-Cleona High School in 1975, Natalie has worked as a secretary for a local fuel oil firm and serves as secretary for the Youth Fellowship at her church. On her parents' farm, she helps with the farm work which includes milking a herd of 40 Holsteins.

Sheila Light is the 17-year-old daughter of Mr. and Mrs. James S. Light of 713 Pine Meadow Road, Lebanon. Upon graduation from Northern Lebanon County High School, Sheila plans to attend nursing school. While at Northern Lebanon, Sheila takes an active part in Bible Club, Word of Life Club, and Explorers of Nursing. Her parents own 46 head of

Holsteins.

Joyce Moyer lives with her parents, Mr. and Mrs. Albert Moyer, at Lebanon R2. This 17-year-old attends Cedar Crest High School and would like to become an ecology teacher. Some of her activities include chorus, pep club, German club, youth education association, Lebanon County Ski Club, as well as Norsolebo 4-H and Cedar Crest 4-H clubs. Her parents own 85 head of Holsteins.



Susan Bomberger



Joann Hostetter



Sheila Light



Natalie Hostetter



Joyce Moyer

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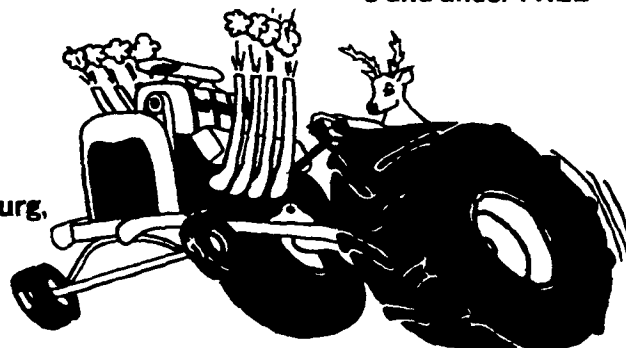
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Food standards established

NEW YORK, N.Y. - U.S. Department of Agriculture representatives who attended the recent annual meeting of the Codex Alimentarius Committee on Processed Fruits and Vegetables in Washington, D.C. reported on the committee's progress in developing international food standards.

The committee is one of several operating under the Codex Alimentarius Commission, an international body established by the Food and Agriculture Organization (FAO) of the United Nations and the World Health Organization (WHO) to develop food standards that would insure wholesome, acceptable food for consumers and facilitate international trade by harmonizing the legal requirements of the participating countries.

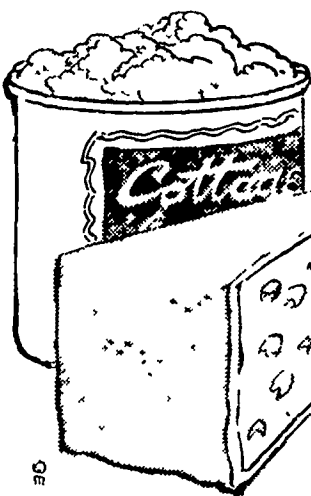
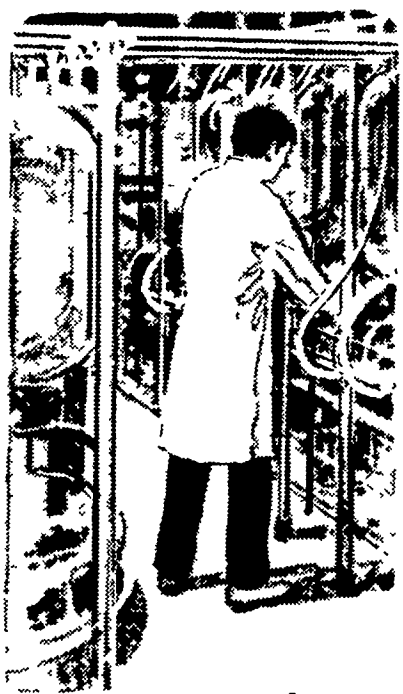
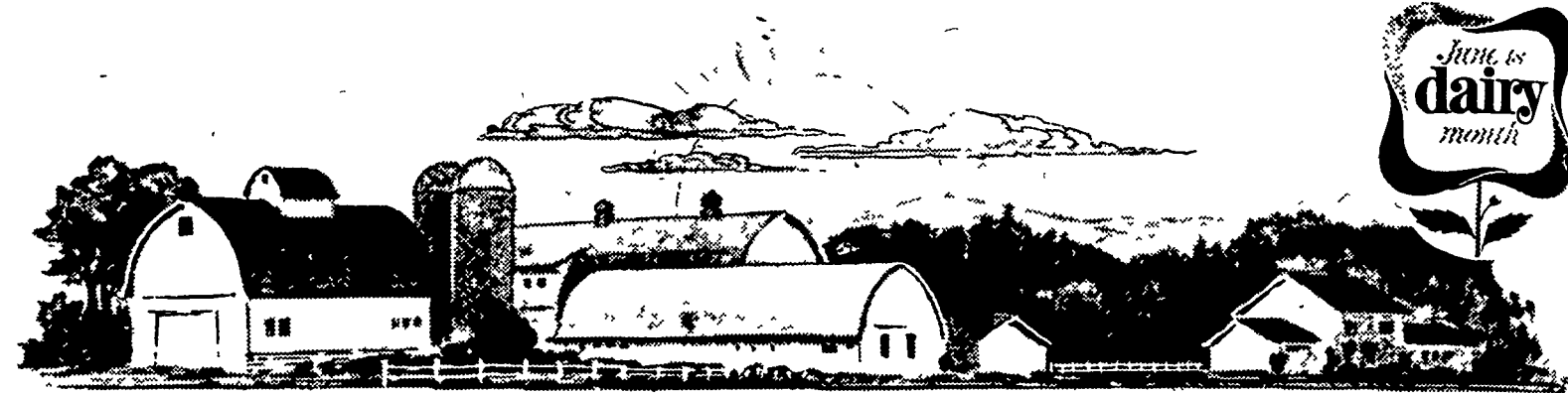
Food standards must be advanced through eight formal steps of development before the Codex Commission submits them at step 9 to more than 100 member governments for acceptance. At the May 9-13 meetings at the State Department, representatives from 22 countries and two international organizations reviewed the standard for tropical fruit salad and submitted it to the Commission at step 8. Three standards covering pickled cucumbers, canned carrots, and ried apricots were advanced in step 5, which means they will be reconsidered by the committee after another review by participating governments. Standards for dates, pistachio nuts, and canned apricots were also considered by the committee.

In previous meetings, the committee has advanced standards for 22 major processed fruits and vegetables. These standards have been sent to member governments for acceptance. Codex standards will eventually be developed for most principal processed foods that have a significant volume of international trade.

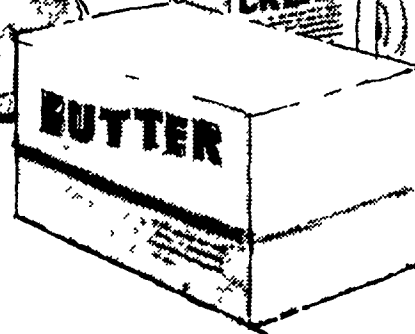
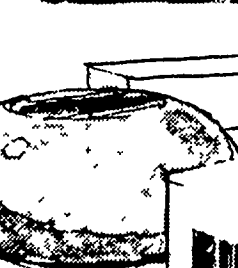


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FOR MORE INFORMATION, CONTACT
YOUR LOCAL COUNTY OFFICE.



Berks Co. announces dairy princess contestants



Joining up for a group shot with Mrs. Mary Kirkoff, pageant coordinator, are Berks County dairy princess contestants: (left to right) Eileen

Rohrbach, Martha Herbert, Donna Hoffman, Mrs. Kirkoff, and Kathy Leiby.

By LAUREL SCHAEFFER
Berks County Reporter
COLONY PARK, Pa. - Contestants vying for the Berks County Dairy Princess title met with past princesses and alternates at the home of Sue Reese, pageant coordinator, Colony Park, Wyomissing, on May 22.

The new contestants were briefed on the dairy princess' responsibilities and informed of the upcoming activities and events they will be involved with. For two weeks, beginning June 6, the contestants will participate in workshops and clinics to help prepare them for their big day on June 18.

The workshops involve nutrition, haircare, and public speaking. They also have the opportunity to participate in modeling, make-up, and skin care clinics.

During dairy week they will also be present at the Berkshire Mall for a number of activities such as butter making and a fashion show.

This year the pageant has eight entrants. They include: Suzanne Clay, daughter of Mr. and Mrs. Donald Landis, Myerstown. Sue is a senior at Tulpehocken High School and plans to attend Shippensburg State College in the Fall.

Martha Herbert, daughter of Mrs. Elva Herbert, and the late Paul Herbert, Kutztown R1. Martha is a graduate of Kutztown Area High School and is presently attending Kutztown State College.

Donna Hoffman, daughter of Mr. and Mrs. Richard Hoffman, Bernville R1. Donna attends Tulpehocken High School and plans to attend St. Joseph's School of nursing. Besides raising Holsteins, her family also raises Brown Swiss.

Cindy Howard, daughter of Mr. and Mrs. LeRoy Howard, Oley R2. Cindy attends Oley Valley Area High School and is planning to study agriculture in college.

(Continued on Page 136)

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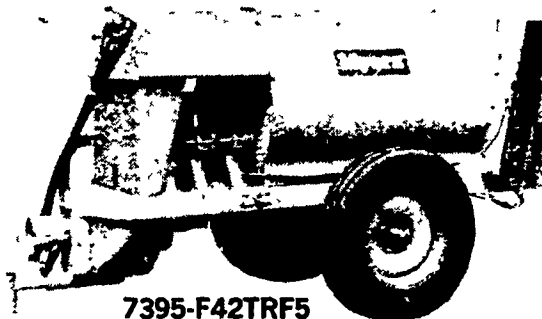
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What better way to promote milk than to drink it yourself? These Berks County dairy princess hopefuls are getting into the swing of things with a glass of milk punch served by Nedra Yoder, current

Berks County Dairy Princess. From left to right the girls are: Cindy Howard, Sue Clay, Nedra Yoder, and Janis Malsbury.

Berks Co.

[Continued from Page 135]

Kathryn Leiby, daughter of Mr. and Mrs. J. Bruce Leiby, Hamburg R2. Kathy is a junior at Hamburg Area High School and also plans to attend college to study agronomy and soil conservation. Her family raises Jersey cattle.

Sandy Miller, daughter of Mr. and Mrs. Ernest Miller, Hamburg R2. Presently Sandy is attending college in Farmingdale, N.Y. and plans to be a veterinary assistant.

Eileen Rohrbach, the daughter of Mr. and Mrs. Alton Rohrbach, Shoemakersville. Eileen is a junior attending Hamburg Area High School and is involved in many school activities as well as the Fleetwood Grange.

Janis Malsbury, the daughter of George H. Malsbury, Jaimore Farm, Rehrersburg. Janie is a junior at Tulpehocken High School. She is on the varsity tennis team and the school newspaper staff. She is also a member of the Rehrersburg 4-H club.

Tickets for the pageant to be held at the Sheraton-Berkshire Inn on June 18 can be secured by contacting Leon Kirkhoff, ticket chairman, Bernville R2 or at 215-488-6427.

Since 1967, the price of dairy products has increased 28 per cent - while all food has gone up 41 per cent and all items in the Consumer Price Index have increased 33 per cent.

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U.S. Farm Labor Force for the week of September 22-28 totaled 4.8 million workers, slightly smaller than last year. The force consisted of 3.4 million farm operators and unpaid family members and 1.4 million hired workers, according to USDA. All farm workers averaged 38.3 hours during the September survey week, the same as last month. This compares to 38.5 hours last year. Farm operators worked an average of 43.3 hours, while other unpaid family workers averaged 32.5 hours and hired workers averaged 34.2 hours.

Predicted eating levels of American consumers for 1974 show a rise in consumption over 1973. After setting a record for total food consumption in 1972, followed by a drop of 1½ per cent less food per person in 1973, it is predicted Americans will eat at the 1972 pace during 1974. A breakdown of commodities shows these figures on consumption per person: Meat, 195 lbs; Fish, 13 lbs; Poultry, 42 lbs; Dairy products, 326 lbs; Fats and Oils, 54 lbs; and per capita consumption of fruit, frozen orange juice and vegetables is up.

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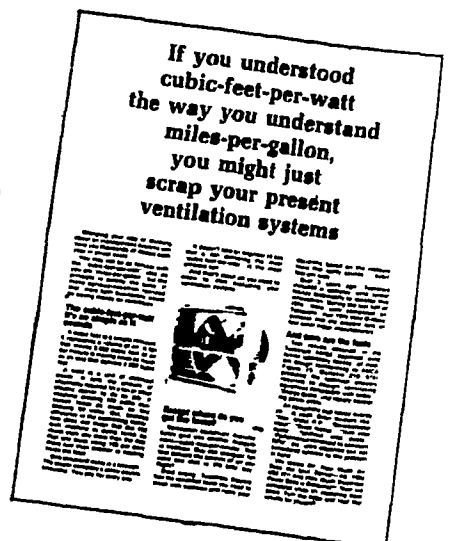
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Federal bureaucracy enrages business

WASHINGTON, D.C. - Twenty-one representatives who took a stand against legislation creating the Agency for Consumer Protection (ACP) were praised recently by Wilson S. Johnson, president of the National Federation of Independent Business

(NFIB), the nation's largest small business organization.

The 21 legislators, members of the House Government Operations Committee, voted to block efforts to report the ACP bill to the House floor for action. The legislation was reported out by a 22-21 vote.

"It's just too bad that the small businessman couldn't find one more representative brave enough to vote against this terrible bill," Johnson said. "Those 21 men who did oppose the bill, voted the conviction of most Americans. An Opinion

Research Corporation pool shows that 81 per cent of the citizens oppose such a new bureaucratic agency."

The 21 Congressmen praised by Johnson included Lancaster County's Robert Walker.

Johnson said that he wants to make it emphatically clear that NFIB opposes the proposed new agency because many of ACP's supporters claim that only big business is against the legislation.

"Struggling small businessmen and farmers see this monstrous bill as a

detriment to their continued existence. NFIB wants to encourage all congressmen to battle against this legislation on the House floor.

"The ACP proposal doesn't coincide with President Carter's promise to cut the size and power of government. There already are more than 200 consumer advocacy agencies at the federal, state and local level," he charged.

"The small businessman already spends one half to one day a week on federal paperwork....he sure doesn't need to be burdened by more red tape," Johnson said.

Johnson refuted arguments that ACP will be a small agency, pointing out that the Occupational Safety & Health Administration (OSHA), fed by the taxpayers' dollars, has grown fat. "OSHA in 1972 had a budget of \$35.8 million and 350 inspectors," he said. "In fiscal 1978, OSHA will have \$134.6 million and 1,400 inspectors. Can the taxpayers afford any more of these SMALL agencies?"

"Despite arguments that ACP would be non-regulatory, the legislation requires the President to determine what existing consumer programs should be made part of the agency. President Carter could transfer such regulatory agencies as the Consumer Product Safety Commission and various consumer

programs from the Federal Trade Commission," he added.

"ACP quickly would become one of Washington's super regulators," Johnson said. "In other words, another agency whose function is to cause delay, and we all know that only aggravates costs. Does the American consumer, already concerned about inflation, want to see another round of inflationary rises caused by the needless meddling of faceless bureaucrats hiding inside another cumbersome federal agency? We think not."

Johnson pointed out that the legislation exempts organized labor and its contract negotiations from ACP jurisdiction. "Negotiated wage and fringe benefit increases mean price hikes. By exempting organized labor, and not small business, the legislation exempts a major determinant of consumer prices and needlessly covers one sector that has less impact."

"A worthwhile small business paperwork exemption also is contained in the ACP bill," Johnson said. "It doesn't exempt small business from the law-only temporarily from required paperwork generated by the law. It also permits the ACP administrator to request data from a small business, a requirement that might be

constructed by many small firms as another demand from another federal czar."

Johnson predicted a close vote on the House floor on the ACP bill.

"The mounting complaints from citizens opposed to another bureaucracy are having an effect," he said. "We hope that Congress will listen to their constituency and bury this bad idea once and for all."

NFIB is a nonprofit, nonpartisan organization representing the interests of more than 500,000 member firms.



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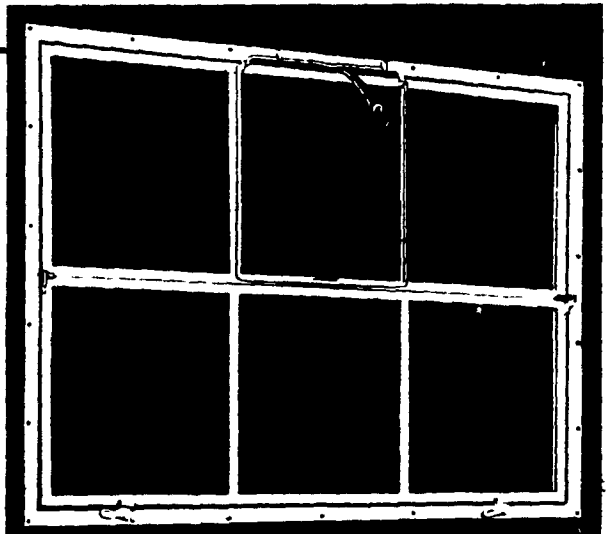
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Dairy relics become treasured family heirlooms

By JOYCE BUPP
York Co. Reporter
MANCHESTER, Pa.

There was a time not too far in the past when every farm had several milk cans, sparkling clean and shiny, lined up in neat rows to be daily filled with milk from the family cows and loaded on a wagon for pickup at the end of a dusty lane.

Progress has phased out the milk can, replacing it with the big bulk tank and spotless glass pipeline. Many of the old metal containers lay forgotten in obscure corners of barns, gathering dirt and rust.

One man's ingenuity and creativity has salvaged some of those forgotten dairy relics, transforming them into hand-crafted, beautiful decorator pieces. With patience, oils, and a steady hand, William Ogle has changed dust and dents to masterpieces of creativity creating some family heirlooms in the process.

Ogle works in his garage-studio at 40 Corriedale Road, York, near the town of Manchester. A former garageman, he has found time to seriously work at his life-time love of painting, after a bout with several serious heart attacks.

The craftsman remembers his enjoyment of art as a youth in school. Then, during the 1950's, he took a correspondence school course in commercial art. That course, he believes, helped him gain better understanding of perspective for the work he does today.

Over 100 hand-decorated milk cans in homes all over the East Coast carry Ogle's signature. Some have traveled to Florida, many are in the New England states, and several grace homes in the Philadelphia area. A large number of them feature reproductions of the owner's farm or house, done from a snapshot, or

possibly from a sketch drawn by Ogle himself.

"I had it sitting around, and I had to do something with it," offers Ogle as the reason he attempted painting that first milk can several years ago. Colorfully done with oils in flowers and birds, the can still beautifies a corner of his studio.

"A favorite with many of my customers is the butterfly-frog-toadstool theme. That's what was on the one I just finished," explains the artist. He has done some painting of churches on the cans, and particularly recalls one that he covered with all kinds of colorful zoo animals.

Although some of the cans brought to be decorated are shiny and clean, most arrive rusty and rather bedraggled. A rust-inhibitor is applied first, followed by a white undercoating. The oil painted figures or land-

(Continued on Page 151)



William Ogle adds the finishing touches to a colorful milk can depicting the home of Dover area teacher, Richard Coons.



A multi-talented hobbyist, William Ogle paints landscapes from memory and has just completed building a grandfather clock.

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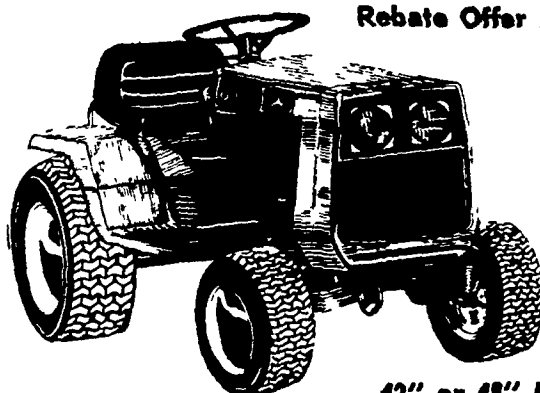
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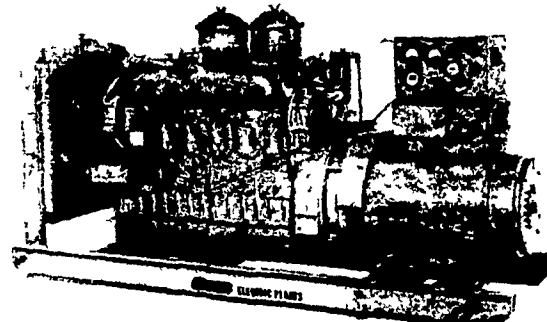
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1. Harry Barrich, Oliver 8, 212' 8-3/4"; 2. Denny Fenger, Oliver 88, 204' 5-1/2".

7000 Stock
1. Galen Longenecker, Muetz 8006, 246' 1-3/4"; 2. Harry Barrich, Oliver 88, 217' 9-1/2".

9000 Stock
1. Galen Longenecker, Muetz 8006, 183' 7"; 2. Joe Fenger, Massey-Ferguson 285, 181' 11-1/4".

9000 Turbo
1. Harry Barrich, Oliver 1855, 186' 6-1/2"; 2. Paul Hoch, John Deere 4020 167' 5".

12000 Stock
1. Gary Gress, Case 970, 207' 7-1/4"; 2. Ronald Showaker, International 199' 3"; 3. International Harvester 1066.

12000 Turbo
1. Harry Barrich, Oliver 1855, 244' 8"; 2. Jim Martin, International Harvester 1256 215' 3/4".

15000 Turbo
1. Lee Fiches, Case 970 197' 9-1/2"; 2. Harry Barrich, White 2-150, 191' 5".

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And when Jesus departed thence, two blind men followed him, crying, and saying, Thou son of David, have mercy on me.

And when he was come into the house, the blind men came to him: and Jesus saith unto them, Believe ye that I am able to do this? They said unto him, Yea, Lord.

Then he touched their eyes, saying, According to your faith be it done unto you.

And their eyes were opened; and Jesus straitly charged them, saying, See that no man know it.

St. Matthew 9:27-30

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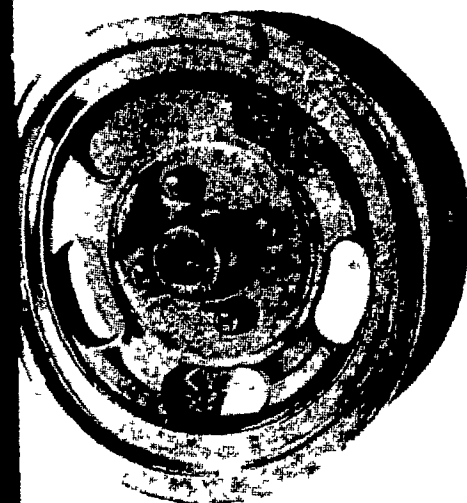
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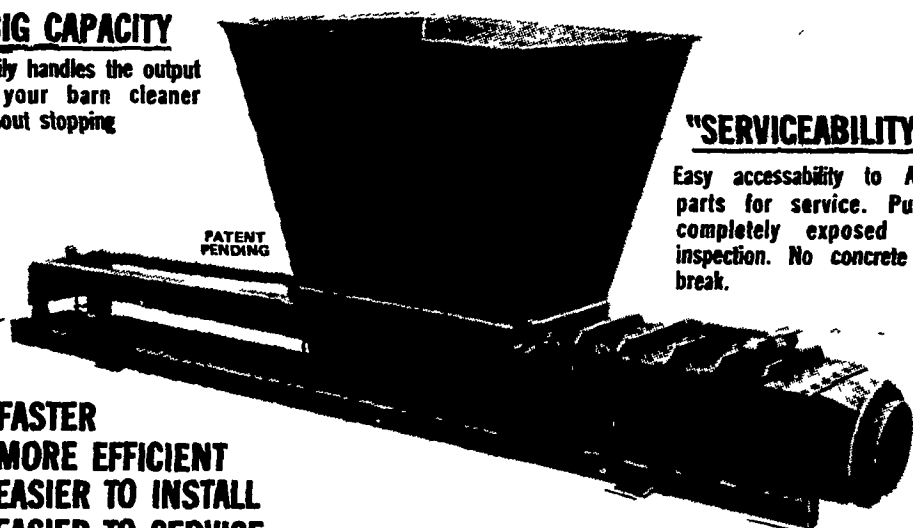
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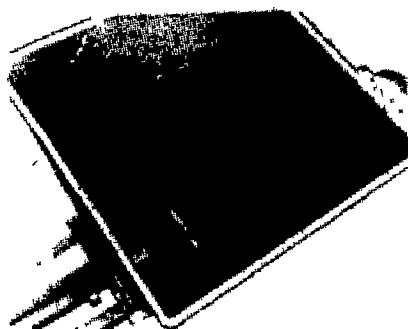
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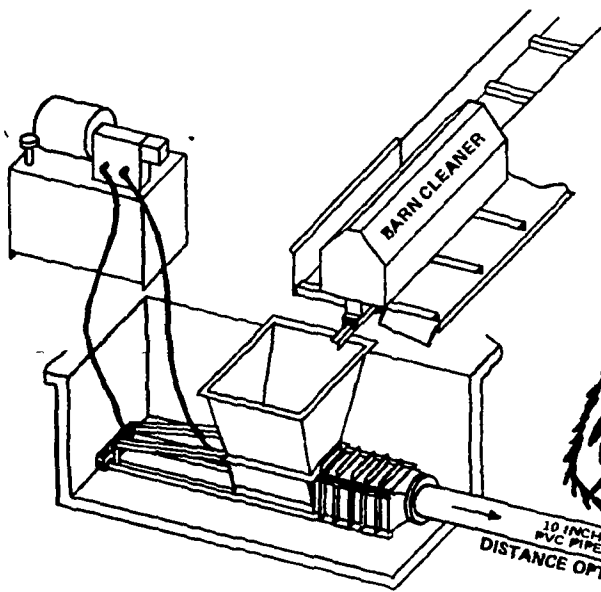
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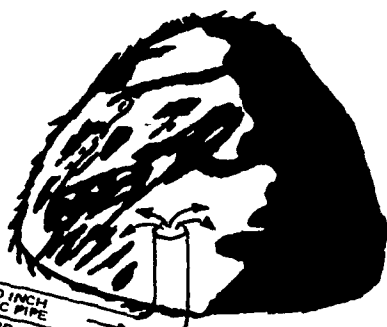


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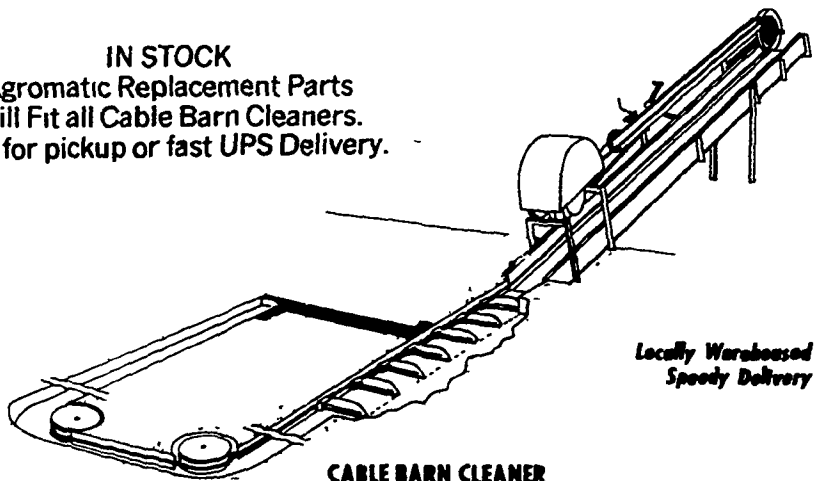


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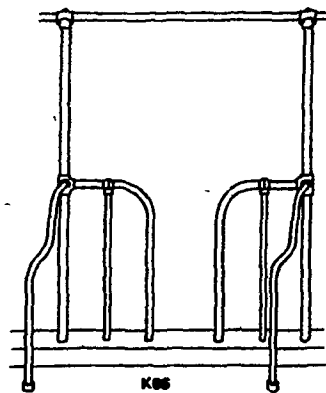
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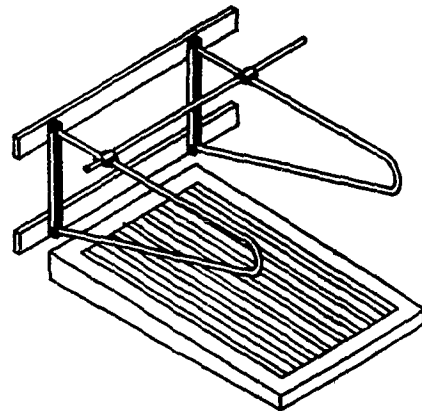
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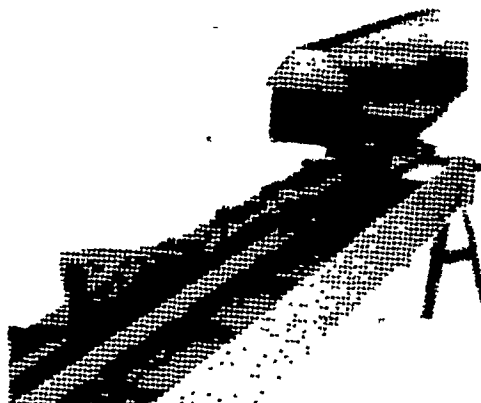
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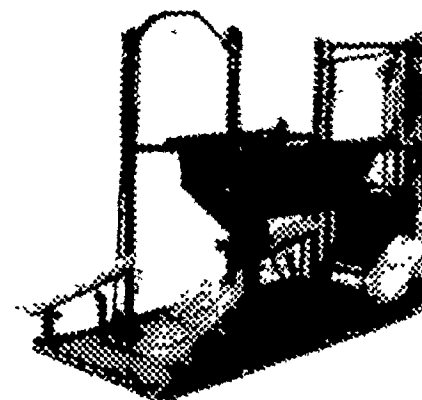
TIE STALLS



FREE STALLS



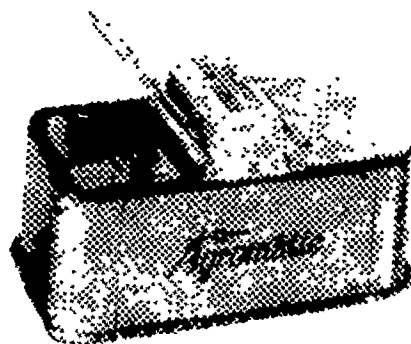
BARN CLEANERS



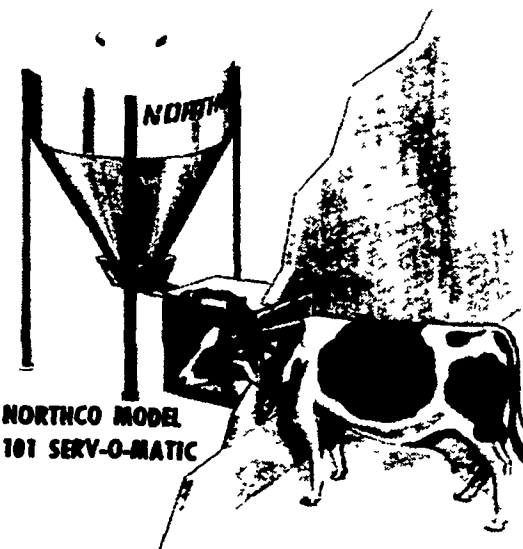
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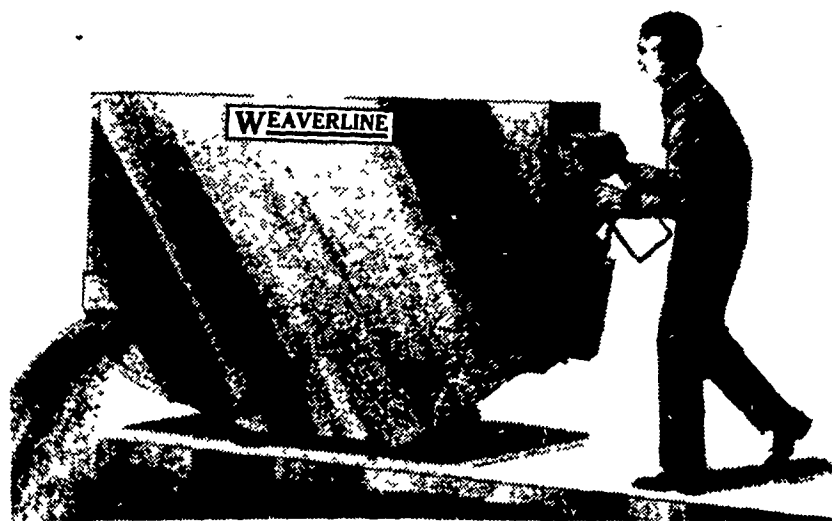


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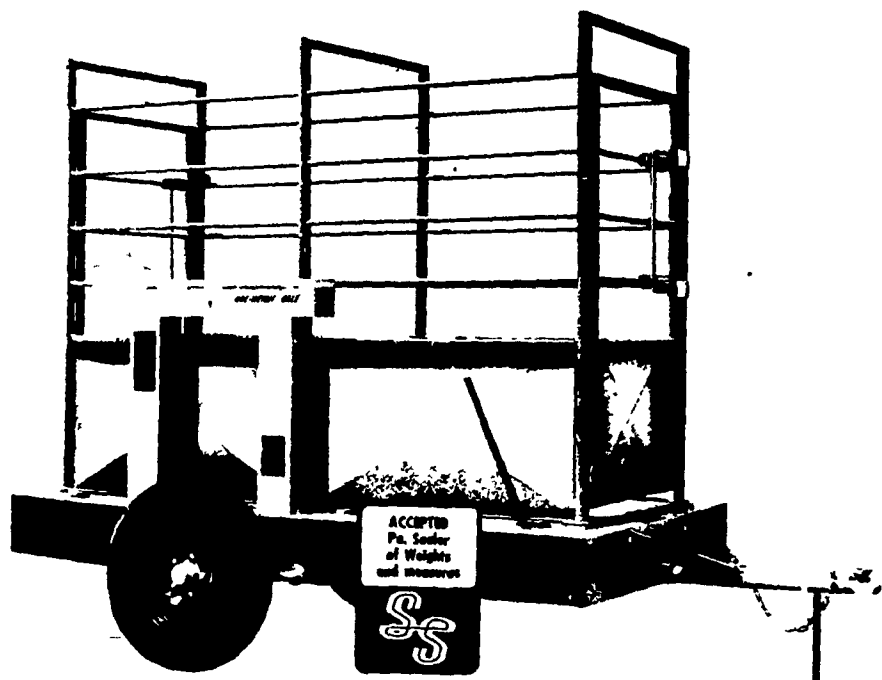
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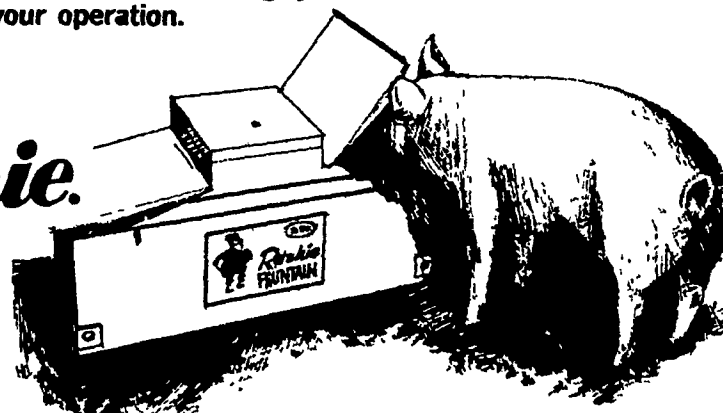
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Ten hopefuls to try for York Co. dairy title

By JOYCE BUPP
York Co. Reporter

YORK, Pa. — Dairy farmers from York County will select their 1977-78 County Dairy Princess on June 24 beginning at 8:00 p.m. at the 4-H Center at Bair.

Ten young ladies, including a pair of twin sisters, will be vying for the title.

Susan Adams is the daughter of Mr. and Mrs. John D. Adams, Sr., Delta R2. A 1977 graduate of Red Lion Senior Senior High School, 17-year-old Susan will attend Penn State York Campus, majoring in business administration. She has served as a member of the Red Lion Student Council, and participates in activities at the Evangelistic Methodist Church. In her spare time, Susan enjoys cooking and listening to music. Her family milks 60 holsteins-cows.

Beverly Brown, 18, and her parents, Mr. and Mrs. W. Harold Brown, live at Delta R2. A college preparatory student at Kennard Dale High School, Beverly plans to attend Goldey Beacom Business College after graduation this year, majoring in accounting. Beverly has been a member of the Kennard Dale band, the chorus, served as a staff photographer on the school yearbook, played varsity volleyball and is a member of the National Honor

Society. She is active in youth activities at Faith Presbyterian Church. Her several years as a 4-H'er included projects in dairy, beef, swine, horse, handyman, and teen leader.

Deborah Ann Buser, daughter of Mr. and Mrs. William S. Buser, York R12, and her family live on a dairy farm with 80 Holstein herd. Eighteen-year-old Deborah is a 1977 graduate of York County Area Vocational Technical School with plans to become a seamstress. Her school activities include two years on the varsity volleyball team, membership in the band front, senior prom, and float committees, and vice-president of the Vo-Tech school fashion show. A member of Yorkanna United Methodist Church, Deborah has carried cooking and dairy 4-H projects. Her hobbies include sewing and sports.

Molly M. Dehoff, age 17, lives on a 120 Holstein dairy farm at Dallastown R2 with her parents, Mr. and Mrs. Albert F. Dehoff. A 1977 graduate of the Dallastown Area High School business course, Molly plans to find a full-time job. She has performed with the musical group "Fish" for several years doing both soloist and pianist work and has studied piano, organ and guitar. A member of Christ Lutheran and Evangelical Church, she has carried 4-H projects in



These 10 teenage girls all aspire for the coveted crown of York County Dairy Princess. From left to right, they are: (front) Molly Dehoff, Beth Grove, Amy Warner, Cathy Taylor, and Kimberly Stanford;

(middle) Susan Adams, Deborah Buser, and Patricia Downs; (back) Kathleen Stanford, and Beverly Brown.

the past in both dairying and sewing.

Patricia Lynne Downs and her parents, Mr. and Mrs. Emory Downs, milk 32 Holsteins at their farm at Airville R1. A college preparatory Junior at Red

Lion Area Senior High School, Patricia wants to go into the ornamental horticulture field after graduation. She is a member of Chanceford Presbyterian Church and serves as secretary of the Sunday

School.

Beth Grove, the daughter of Mr. and Mrs. W. Donald Grove, Airville R1, is an 18-year-old 1977 graduate of Red Lion Area Senior High School. Delaware Valley College is where she plans to

major in dairy or animal science. Beth is active in the Youth Fellowship of McHenry United Methodist Church and serves as secretary of the Sunday School. Her activities a

[Continued on Page 144]

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- The average dairy cow produces _____ quarts of milk in a year.
a. 535 c. 3,625
b. 1,850 d. 4,815
- One quart of milk weighs _____ pounds.
a. 1.50 c. 3.45
b. 2.15 d. 4.65
- It takes _____ pounds of whole milk to make one pound of butter
a. 3.7 c. 15.6
b. 9.5 d. 21.2
- U.S. milk production was close to _____ pounds in 1976.
a. 90 million c. 90 billion
b. 120 million d. 120 billion

- Dairy products supply _____ percent of our dietary calcium needs.
a. 30 c. 75
b. 50 d. none
- Sweet Acidophilus milk is _____.
a. Canned milk concentrate with sweetener added
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d. Milk fortified by the addition of one or more vitamin(s).
- Milk was first pasteurized by _____.
a. Gail Borden c. Louis Pasteur
b. Professor N. J. Fjord d. Dr. Gustav De Laval
- The average American consumes _____ quarts of milk in a year.
a. 25 c. 86
b. 50 d. 134
- Butter was first churned _____ years ago.
a. 200 c. 2,000
b. 500 d. 4,000
- Whole milk averages _____ percent fat.
a. 3.25 c. 18.25
b. 6.50 d. 30.75

Answers: 1-a 2-b 3-c 4-d 5-a 6-b 7-c 8-d 9-b 10-c

Answer to puzzle

- ACROSS**
- Pipeline
 - Jamestown
 - Twenty-three
 - Cow
 - Whey
 - Cream
 - Guernsey
 - Pasteur
 - Red
 - Calf
 - Astronaut
 - Sour milk
 - Milk bottle
 - Ice cream
 - Skim

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 - Liquid
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 - Udder
 - Bulk tank
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 - Calcium
 - Holstein

Answer to message

Milk is udderly delicious

Answers to scrambles

- They all give milk.
- Milk is a natural.
- June is dairy month.

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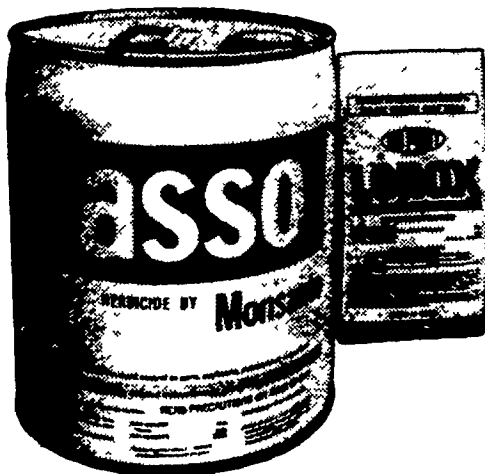
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Reports of lactose intolerance exaggerated

ROSEMONT, Ill. — Research studies carried out nearly 10 years ago led to a scientific controversy that is still raging in professional circles and the lay press: whether or not millions of children and adults get sick from drinking milk.

In these early studies, children of various ages were brought into a laboratory where they drank a glass of water on an empty stomach. The water contained 50 to 100 grams of lactose, the amount of milk sugar found in a quart to a half-gallon of milk. Many of the subjects, especially those of African or Asian descent, experienced bloating, gas, cramps, and/or diarrhea.

Scientists involved with these studies termed the phenomenon "lactose intolerance." They concluded that a large percentage of the population was unable to drink milk, and even suggested milk should not be included in school feeding programs or sent to developing countries to supplement their diets.

But many in the scientific community thought it strange to draw such conclusions. How often do people drink a quart to a half-gallon of milk on an empty stomach?

What is Lactose Intolerance?

Lactose, or milk sugar, is the principal carbohydrate in cow and human milks. It is broken down to digestible simple sugars by the enzyme lactase. But as some people get older, the amount of lactase in their digestive tracts decreases. Also, many individuals, (especially blacks and orientals), have some reduction of the enzyme regardless of age and there are rare cases where a person might not have any lactase.

When not enough lactase is present to break down all the lactose, the undigested portion remains in the system and some gastric

distress could occur. People deficient in lactase are said to be lactose intolerant to some degree.

The question is, how much lactose can they consume without symptoms of discomfort?

Scientists have been systematically analyzing the situation and all its implications. While the picture is still not complete, one basic fact seems clear: even those with lactose intolerance can, for the most part, consume recommended amounts of milk.

Continued Milk Consumption Recommended

Because milk is such an important aspect of a nutritionally adequate diet, suggestions to reduce or eliminate it were carefully studied by a number of health agencies. Based on a thorough review of the studies, the Protein Advisory Group of the United Nations concluded that it would be "highly inappropriate...to discourage programs to improve milk supplies."

Both the Food and Nutrition Board of the National Academy of Sciences-National Research Council, and the American Academy of Pediatrics, have

published statements indicating milk should remain in children's diets. They concluded that severe lactose intolerance symptoms are far too low to recommend reduction or elimination of milk from the diet of most of the population.

As more and more research reports are compiled, it appears early estimates of the incidence of this intolerance and its severity have been greatly exaggerated.

Studies Show No Real Problem

Cornell University researchers found in a study that even individuals intolerant of lactose can for the most part, consume nutritionally useful quantities of milk.

The Cornell study participants were 35 healthy adult volunteers, 19 women and 16 men, averaging 25 years of age. Ten were non-whites, 25 were whites, and ten came from other countries.

On the basis of the standard lactose intolerance test, 50 grams of lactose in a glass of water, 16 were found to be lactose intolerant and 19 were tolerant. But all of

(Continued on Page 145)

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Ten

(Continued from Page 142)

school included being a library aide, an usherette at the class play and serving on the committee for costuming in the school musical. When not helping to milk the family's 41 cows, Beth relaxes by sewing, reading, and gardening.

Kathleen Mary Stanford, age 16, is the daughter of Mr. and Mrs. Leland Stanford, Dillsburg R1. A junior at Northern High School, Kathleen plans to study for the field of rehabilitation work with physically handicapped children in college. Her school activities include band, chorus, hockey, yearbook staff, school newspaper staff and prom committee. Kathleen frequently helps milk the family herd of 42 holsteins, and has carried baby beef and sewing 4-H projects. Her hobbies include reading and bike riding.

Kimberly Ann Stanford is the daughter of Mr. and Mrs. Leland Stanford, Dillsburg R1. Kimberly is 16 and a

Junior at Northern High School, where she participates in the chorus, prom committee, hockey, yearbook staff, and school newspaper staff. She plans to study medical technology after graduation. Kimberly has carried 4-H sewing projects in the past, and often helps milk the family dairy herd of 42 holsteins. She enjoys reading and horseback riding.

Cathy Sue Taylor is the 17-year-old daughter of Eugene B. Taylor, Manchester R2. A 1977 graduate of Northeastern Senior High School, Cathy plans to attend business school. She hopes for a career in the field of accounting. Cathy's school activities include membership in the Future Homemakers of America. She has carried 4-H dairy projects and is a member of the Conewago Community Chapel. An avid letter-writer, Cathy keeps in touch with about 20 pen pals and describes herself as a "horse lover." The Taylor family milks 58 holstein cows.

Amy A. Warner, daughter of Mr. and Mrs. C. Elmer Warner, Felton R2, is 19. After graduation from

Kennard Dale High School in 1976, she studied insurance in night school at the Penn State York Campus and is currently employed as a secretary with the Manly Miller Insurance firm. Amy was a member of the National Honor Society at Kennard Dale, as well as belonging to the Future Business Leaders of America and the School Bank. She teaches Sunday School at St. James Lutheran Church, and has served as the president of the Stewartstown 4-H club where she carried dairy, poultry, and vegetable projects

In the 17 so-called "dairy" countries of the world, the United States ranks (per capita consumption) ninth. France is still the leading user of cheese with 32.1 pounds per capita (1975 figures) and Denmark with 24.5 pounds.

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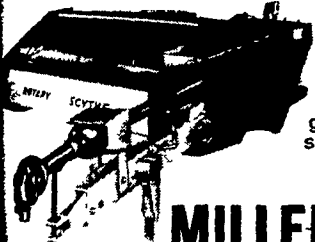
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Reports

(Continued from Page 144)

the intolerant subjects could drink at least an eight-ounce glass of milk at a time and most could drink much more without undue symptoms.

It would seem that if children developed symptoms from drinking milk, they would avoid this food in the future. But that does not appear to be the case.

About 86 per cent in the Cornell study said they would not stop drinking milk regularly even if they did get symptoms of bloating.

Also, in a recent Boston study, medical scientists from the Massachusetts Institute of Technology found no significant differences between the milk intakes of black lactose tolerant and lactose intolerant children. Nor was there a difference between milk intakes of six- to seven-year-old black and white children.

This study also confirmed that, almost without exception, children

considered to be lactose intolerant can consume nutritionally useful quantities of milk (one to two cups) at a meal.

Dosage Is Important Factor

Derrick Jelliffe, M.D., nutritionist at the School of Public Health at UCLA, told a Los Angeles Times writer that, while large doses of milk will affect most individuals, they can tolerate smaller doses. "The dose is a very important factor in all cases," he said.

The "dose" most people think of is an eight-ounce glass of milk with meals and in-between. Studies in San Antonio, Texas, and by Doris Calloway, Ph.D., nutritionist at the University of California at Berkeley, concluded that almost all children could tolerate milk in these normal amounts without symptoms.

Other studies, both published and unpublished, share the same findings.

Thus, as scientists put it, lactose intolerant people are not necessarily milk intolerant (where the body cannot tolerate other components of milk). Most can easily handle the 12

grams of lactose found in an eight-ounce glass of milk. And they can consume this amount throughout the day, especially along with meals.

And as the research data reveals, lactose intolerance is not a problem on a practical level. Mrs. Virginia Gladney, acting nutrition program coordinator at the County Community Health Services in Los Angeles, was asked about lactose intolerance in an interview by the Los Angeles Times. She said, "We're simply not running into the problem at children's health clinics. We see it in the literature, but not in actual practice."

Other Factors

For Consideration

It is also very important to note that just because a person cannot digest lactose in large amounts, this does not mean that individual cannot utilize milk's other nutrients. Research data amply demonstrate that lactose intolerant individuals who are not affected by diarrhea are not impaired in their ability to digest and utilize milk's protein, calcium, phosphorus, magnesium, milkfat and vitamins.

Similarly, lactose intolerance should not be confused with milk allergy. The latter condition afflicts one to two per cent of children under two years of age. They exhibit an allergic reaction to the protein in milk, just as some people may be allergic to ragweed, roses, or tomatoes. Such milk allergies are usually outgrown.

M.F. Brink, Ph.D., president of the National

Dairy Council recommends that if intolerant individuals find themselves affected, they either consume smaller quantities of milk at a time or try to include other dairy foods, such as ripened cheese and some cultured dairy foods, in their diets.

"It is important that lactose intolerant individuals consume adequate amounts of calcium, which is difficult to do without including dairy foods," he says.

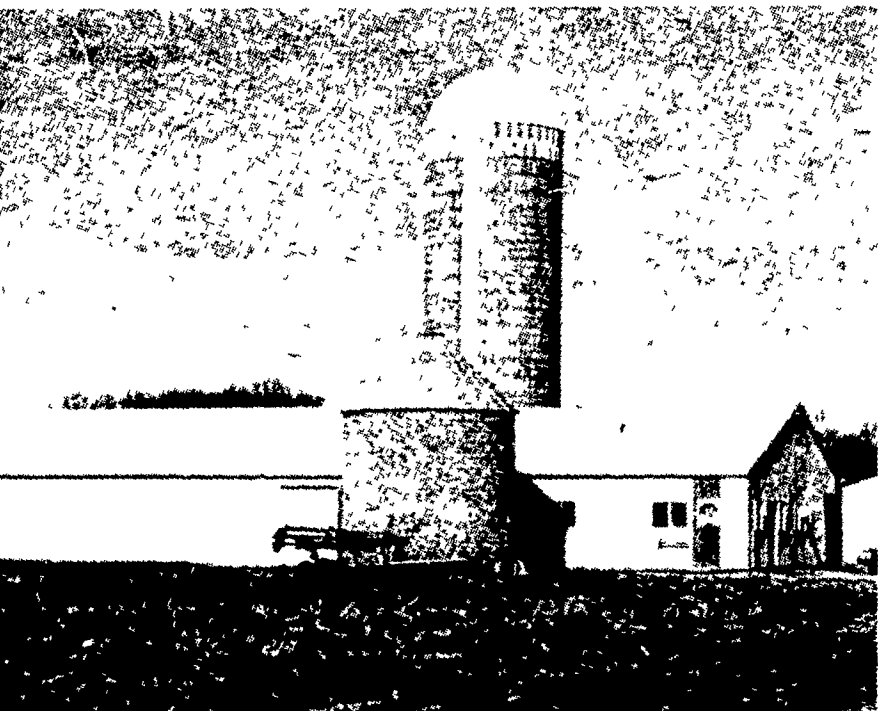
Dr. Brink also feels that physicians should be aware of the problem so that, if some of their patients are truly milk intolerant, they can be advised of other ways of getting milk's important nutrients. He points out, however, that physicians will find that most of their patients can consume the nutritionally recommended amounts of milk.

Participation in all aspects of the 4-H program are up this year. 4-H club membership grew from 2,248,276 in 1973 to 2,284,769 this year. 4-H special interest group enrollment rose to 1,458,057 as compared with 1,094,405 in '73, and young people involved in Instructional 4-H TV more than doubled - 2,570,342 contrasted with 1,024,043 the previous year. Total for the youth phase of the Expanded Nutrition Program is expected to meet the 893,723 figure from 1973. This would bring the '74 total 4-H participation to more than 7 million, or about a 2 million increase over 1973. 4-H participation has more than doubled since 1970.



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Peonies are among the most dependable flowers in the spring perennial garden, flowering year after year with only a little care.

If your peonies are not flowering well this year, Donald B. Lacey, Extension specialist in home horticulture at Cook College, Rutgers University, offers some possible causes:

They may be planted too deep. The "eyes," or buds on the crown, should be no deeper than two inches beneath the soil surface.

They may have been recently transplanted. It often takes peonies two or three years following transplanting to recover to flower.

If buds develop to the size of a quarter or larger, then fail to open, the problem may be bud and flower blight. Control for this disease comes earlier in the season and is described in a Rutgers peony bulletin you can get from your county agricultural agent.

Peonies planted near trees or shrubs which shade the plants and compete for moisture and nutrients may not flower well. Select a sunny, well-drained location for planting peonies.

Plants may be undernourished or too dry. Apply 5-10-10 fertilizer in early spring at one pound to 30 square feet of garden area. Water peonies well in dry periods, especially while buds are developing.

CROWN GALL WEAKENS ROSES

Most roses that have been planted within the last two seasons should be growing well and flowering abundantly if they have been given any reasonable care.

If your rose bushes aren't doing well they may have bacterial crown gall, suggests Spencer H. Davis, Jr., Extension specialist in plant pathology at Cook College, Rutgers University.

The bacteria that causes this disease can live in the soil and your plant may have become infected through this source. You may have even purchased the plant with the tiny galls on it.

The crown gall disease results in brown, irregular, hard, woodylike growth on the main stem and large roots that has the appearance of an English walnut. When the galls grow large they cut off the water and food supply and the plant becomes weak and often dies.

Once a rose bush has the gall disease there is nothing you can do but pull it up and discard it, says Dr. Davis. No fungicide or other chemical can cure the plant.

Crown gall disease is present on many other crops, too. It can attack willow trees, rhododendrons, tomatoes and zinnias.

PICK OLD GERANIUM FLOWERS

Most good gardeners know that old flowers must be picked if they want the plant to continue blooming. The primary reason is that plants produce seeds and then stop flowering if old blossoms remain on the plant.

Disease prevention is another good reason for picking flowers from geranium plants, advises Spencer H. Davis, Jr., extension specialist in plant pathology at Cook College, Rutgers University.

Over-mature or dead flower parts become a haven for some fungi or molds, he explains. These same molds, landing on a healthy green leaf would cause no damage at all.

But once the mold gets started in the dead flower parts it can progress to a point where it invades the plant, says Dr. Davis.

If you have noticed black, target-like spots on otherwise healthy leaves, you are probably looking at a secondary type of infection.

A tiny piece of dead petal or even one of the anthers of the flower may start the focal point of leaf spot infection.

Commercial geranium growers don't have time to remove dead flowers from geraniums, and so they spray their plants every week. It's much simpler for the home gardener to pick the faded flowers.

ROSE DISEASES

It's unfortunate, but true! The number one plant in the popularity contest for use in the home garden is the rose.

And the plant with more disease problems than about any other garden plant is the rose, says Spencer H. Davis, Jr., Extension specialist in plant pathology at Cook College, Rutgers University.

Two common and troublesome diseases are black spot and powdery mildew, says Dr. Davis. Black spot causes, as the name implies, spots on the leaves that eventually result in loss of leaves.

By late Summer all bottom leaves will be dead and gone. Your rose may look like a little green umbrella.

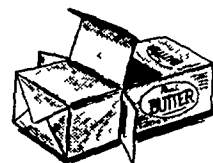
Powdery mildew doesn't result in much defoliation, but it coats the leaves and flower buds with a powdery fungus growth. Leaves curl, buds fail to open and plants suffer.

Several chemicals prevent one disease or the other. And many garden mixtures have one of each type of chemical in the package. But only two - phaltan and benomyl - give good control of both black spot and powdery mildew.

Apply sprays or dusts regularly, Dr. Davis suggests. Once a week is a good schedule starting now. And the plants will keep their leaves and produce flowers all summer.

Moving Tips

Always inform insurance companies when changing a place of residence so premium notices won't get lost. Extension specialists at The Pennsylvania State University point out that failure to pay premiums on time results in expiration of some policies and the end of coverage.



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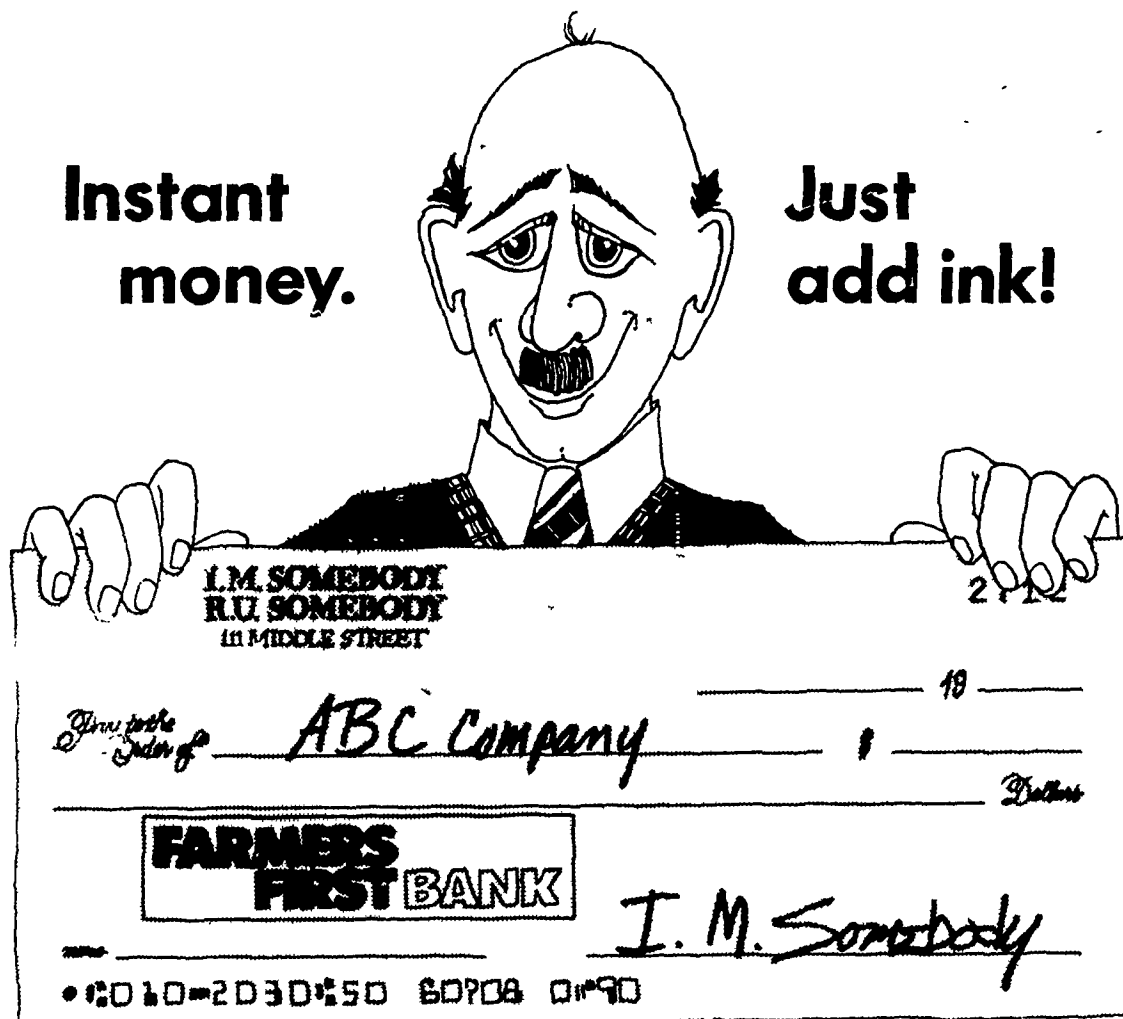
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Patti takes a milk sample from a bucket.



Patti Yarnell places the milker on one of her cows, Diane.

Patti Yarnall samples milk all hours of the day

SUSAN KAUFFMAN
Feature Writer

FORD, Pa. - Many women spend their milking hours at the same time with the same hours days a week, but for

Patti Yarnall the time and place change twice a day. Patti takes samples under the DHIA program for supervisor Dean Cheek.

This marks the fourth year that this 24-year-old dairy

farmer's daughter has been so employed. Having had first-hand experience in milking cows for her parents, Hoopes and Jean Yarnall, Oxford R1, plus 10 years of training in the Manor 4-H Dairy Club, along with owning six milking cows and nine young animals Patti has become quite at home with dairy animals and keeping accurate records. However, nothing could prepare her for the hours she keeps while going from one farm in the morning to a different herd somewhere in Chester County that night.

The earliest morning starting time for the 30 herds she samples is 3 a.m. and the latest morning starting time is 6 a.m. One herd starts the evening milking at 2:30 in the afternoon and another starts as late as 6 p.m. And when she does the sampling for Dr. Richard Stoneback's goat herd she may start at 9 a.m. and 9 p.m., although Stoneback's herd varies.

At first, Patti's job was seven days a week, then her work week slimmed down to six days, and now there is

hope for a five-day week, according to Patti.

Patti's tasks are to take a sample of the milk from each cow after the animal is milked and place the sample into a plastic bag marked for that particular cow; to record the weight of the milk produced by that cow; to record breeding and freshening dates for each animal; to list feed costs; and to register ear tag numbers for new calves. After the milking is completed, she tabulates the total production for each animal for the two milkings and delivers the records to supervisor Cheek. The records are then sent to Penn State for computer tabulation. The printout is then mailed back to the farmer for his use.

The two-day DHIA, A.M.-P.M. testing program means taking samples from the herd two consecutive milkings: for instance, one evening and the following morning. Patti usually does the second milking's sampling with Cheek doing the first.

The number of cows per herd averages about 60 with as low as 32 in one herd and as many as 300 in another. Presently the 300-head herd milks in two parlors requiring two samplers. Previously, when the 300 cows were milked through one parlor, Patti says she started at 3 a.m. and stayed through the day until 9 o'clock that night.

The testing arrangements varied as much as the milking times according to Patti. She has three herds which milk in buckets. At those farms she weighs the milk with a scale. The remainder of the herds are milked with pipelines so she uses special meters into the pipeline system for determining production weights. When asked which operational setups she preferred - parlor or stall barn - Miss Yarnall replied the system does not really

make the difference in ease or difficulty in testing. The way the dairyman knows and handles his cows makes the greatest difference.

Patti explained, "I have gotten to know many of the cows and can set up the corresponding sample packs for more efficient testing. I have my own system, for instance, in an eight-stall herringbone parlor, I see the cows as they come in, set up the bags in my rack in the order the cows stand."

Patti travels as far as 30 miles away, mainly in Chester County. She does one herd in Rising Sun, Md. and a few in Lancaster county. She says her job requires nothing more than basic arithmetic skills. Farmers also add to the list of occupational qualifications those of efficiency, neatness in recording figures, a calm manner around the animals,

[Continued on Page 156]

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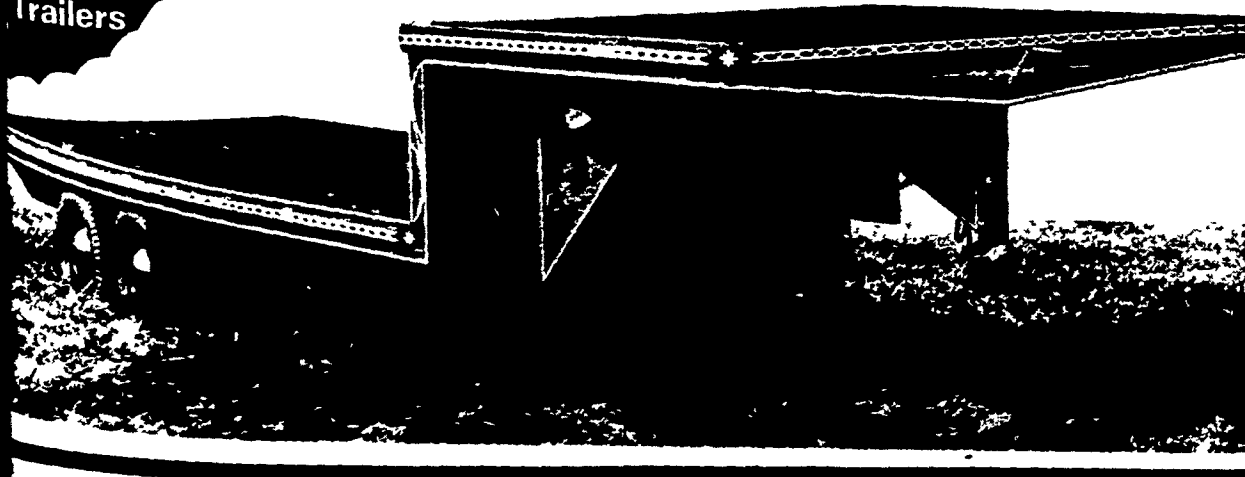
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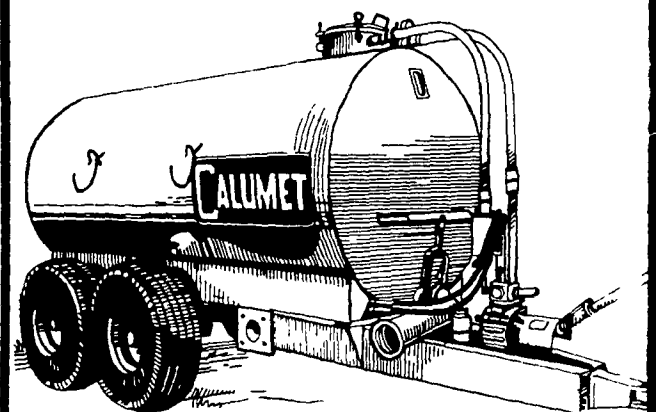
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News - Nutrition

From Pa.'s Dairy Princesses

By CAROL HEISLER
Schuylkill Co.
Dairy Princess

It is estimated that 75 per cent of the calcium in our food supply is provided by milk. Without a doubt, milk and dairy products are man's greatest source of calcium. Of all calcium in the body, 99 per cent is stored in the bones and one per cent is in the extracellular fluids of your body. Our blood is the boss - if it needs calcium, it takes it from bone, regardless. Thus, human beings are vulnerable unless sufficient calcium is obtained in the diet.

Children under the age of nine should have three or more cups of milk a day. Most love milk - especially if it is flavored. Teenagers require four or more cups. They especially like milk shakes and hot cocoa - better for teeth skin, and health than sugary soda pop or coffee. Pregnant women or nursing mothers need three to four cups of milk. At this time requirements for vitamins and calcium skyrocket and must be met for good health. Adults should drink two or more glasses.

Each of the following have the equivalent calcium content of one cup of milk - one cup of yogurt, one and a half cups of cottage cheese, one and a half ounces of cheddar cheese, and two cups of ice cream.

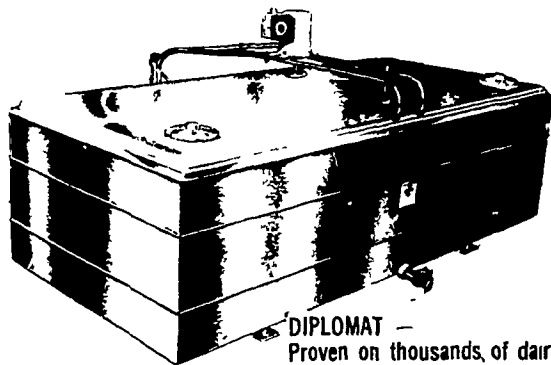
Now consider what an adult would have to eat to get the calcium supplied by two glasses of milk, which provides three quarters of daily requirements: two and one half cups of canned salmon, six cups of dried beans, 13 cups of squash, 30 eggs, or 38 slices of enriched bread.

Research has confirmed that bone strengthens itself in relation to the stress put on it. For instance, when astronauts experience weightlessness for any length of time, they lose calcium from their bones. This happens also to people subjected to extensive bed rest. And, older people generally put less stress on their systems. This situation is compounded by those who have an inadequate intake of calcium in their diet.

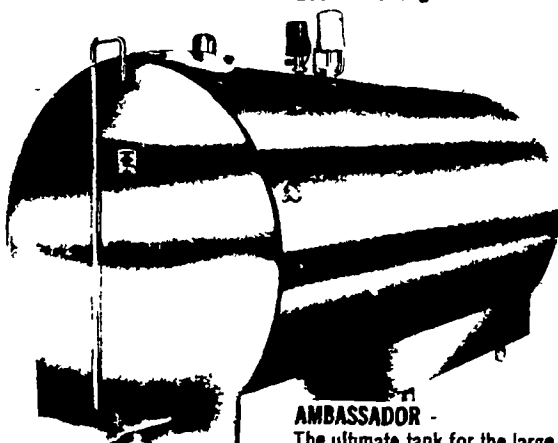
So you see, milk definitely is not "kid stuff." One never outgrows his need for the calcium and other minerals and nutrients of milk. Good nutrition is a lifelong need.

Know Where the Activities Will Be?
Read the Farm Women Calendar.

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DIPLOMAT -
Proven on thousands of dairy farms
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200 to 1500 gallon sizes



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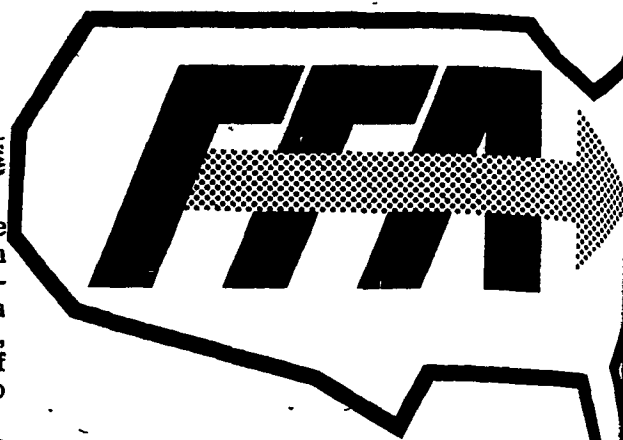
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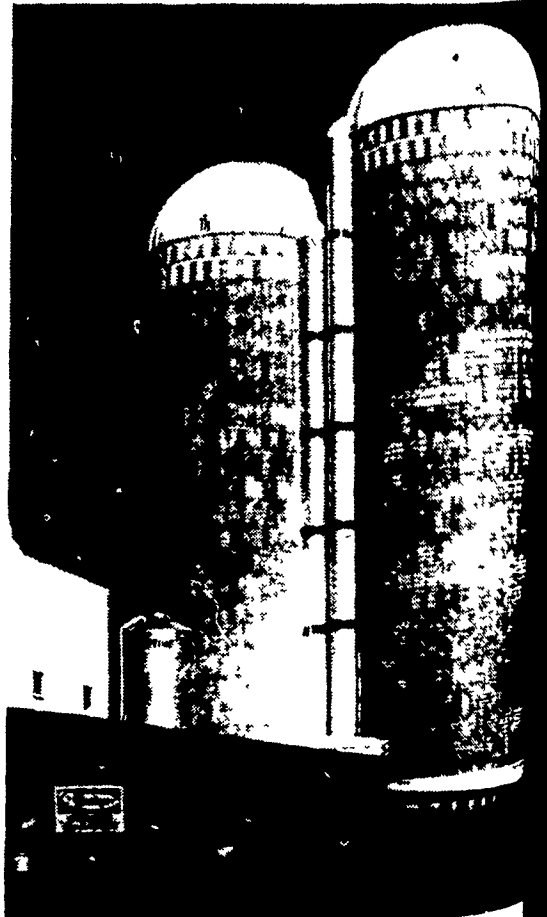
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We shall continue our endeavor to produce quality products at a reasonable price.



More Quality More Strength More Economy
Silos - Silo Unloaders - Bunk Feeders

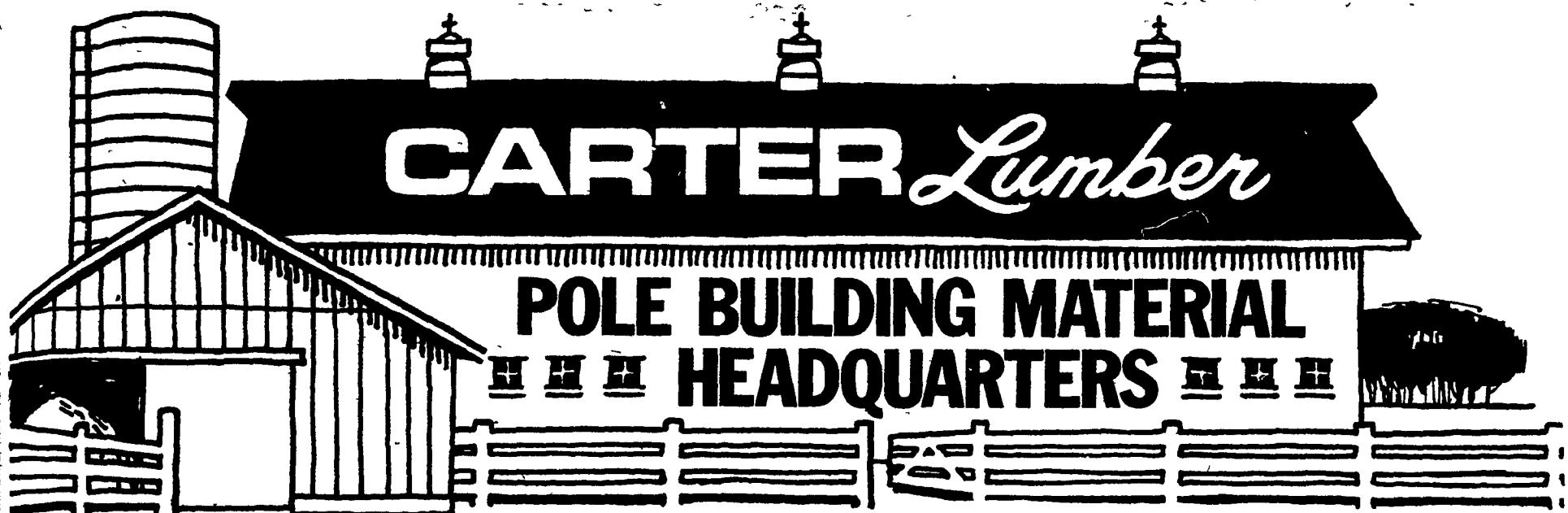
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FABRAL CORPORATION

METAL ROOFING & SIDING

LENGTHS	DOUBLE-RIB ALUMINUM HI-STRENGTH ALLOY WIDTH 48" NET	GALVANIZED STEEL 29 GAUGE WIDTH 32" NET	1/4"-29 GAUGE CORRUGATED GALVANIZED WIDTH 24" NET
7'	—	4.96	3.67
8'	7.62	5.67	4.19
9'	—	6.39	4.71
10'	9.53	7.09	5.25
11'	—	7.79	—
12'	11.43	8.51	6.29
14'	13.33	9.93	—
16'	15.25	—	—
18'	17.15	—	—
20'	19.06	—	—
22'	20.97	—	—

A COMPLETE LINE OF MATCHING ACCESSORIES

1 PIECE RIDGE CAP	52 1/2" ... 3.70	—	10' ... 4.15
2 PIECE RIDGE CAP	52 1/2" ... 4.65	52 1/2" set ... 4.07	—
10' RIDGE ROLL	\$6.15	3.57	—
END WALL FLASHING	52 1/2" ... 2.75	52 1/2" ... 3.10	28" ... 1.51
12' FIBERGLASS GREEN	49 1/2" ... 15.96	33 1/2" ... 10.83	—

Annular Thread METAL ROOFING NAILS
 WITH FLAT NEOPRENE WASHER

	ALUMINUM 500 PACK	GALVANIZED 5 lbs.	50 lbs.
1 1/4"	4.72	—	—
1 3/4"	5.32	5.37	44.72
2"	5.85	5.32	47.15
2 1/2"	4.41	5.32	44.82

BARN DOOR HARDWARE

*51-16 Galvanized RAIL...6',8',10',12'...per ft.	\$ 1.10
*52 Galvanized HANGER... pair	11.07
*F51 Galvanized BRACKET	.86
*G51 Galvanized BRACKET	1.33
*H51 Galvanized BRACKET	3.26
*59A Galvanized RAIL... per ft.	2.03
*53 Galvanized HANGER... pair	12.66
*H551 Galvanized BRACKET	4.61
*18 STRAY ROLLER	1.66
*2110-8 GATE HOOK	2.94
*17 DOOR BUMPER...Alum 1.08 Galv.	1.98



BARN & DROP SIDING

Pattern No. 116

1x10	27 1/2 Lin. Ft.	\$326. ⁰⁰
------	-----------------	----------------------

ABOVE PRICES PER M BD. FT.

SQUARE BARN POLES Penta Treated					
	10'	12'	14'	16'	20'
4"x4"	4. ⁵⁹	5. ⁵⁰	6. ⁴²	8. ¹⁷	—
4"x6"	—	8. ²⁶	9. ⁶³	12. ⁰⁰	17. ⁷⁶
6"x6"	—	12. ³⁸	14. ⁴⁵	18. ⁰⁰	26. ⁶⁴

CENTER MATCH BOARDS 2"x6"x12' MBM

Penta..... 342.00

FARM GATE and FENCE BOARDS

	PENTA
1 1/8"x6" R.L.	23 1/2 Lin. Ft.



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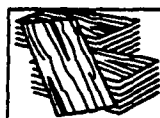
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ROOFING**

Standard, extra heavy, self-sealing shingles...the sun fuses shingles together.

BUNDLE	SQUARE
5.55	16.66

Mineralized ROLLED ROOFING
36" wide...90 lbs. per 108 sq. ft. Roll.

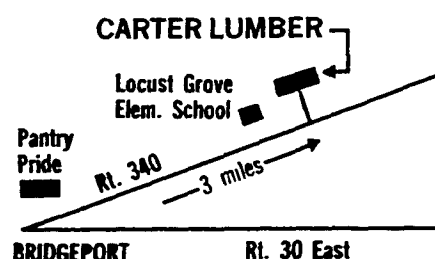
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4'x8' PLYWOOD

	1/4"	3/8"	1/2"	5/8"	3/4"
AD INTERIOR FIR	6.89	NS	11.75	NS	15.75
AC EXTERIOR FIR	7.09	10.05	12.15	14.19	16.15
CD EXTERIOR	6.49	6.75	7.89	10.59	12.70

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Ross Smith Jr. sees a bright future in dairying.

Eighty-four year old Ross Smith has spent over 60 years of his life dairying in Harford County, Md. It's a family tradition, as members of each succeeding generation have chosen to follow his footsteps. Six of his eight children entered the dairy business.

Harold Ross is happy about his choice for a career -- dairy farming.



Dairying is a tradition for Ross Smith family

By DIETER KRIEG
JARRETSVILLE, Md. - Dairying has become a tradition with the Ross Smith family of Harford County. Ross Smith and his late wife, the former Minnie Koerner, had eight children, six of whom went into dairy farming. One of them, Ross, Jr. who proudly says: "I think this dairy business is great," has three sons, all of whom show a keen interest in working with cows. It's been a way of life which dates back to 1913.

While that in itself may not be unique, it is a bit unusual that so many brothers and sisters farmed the land side-by-side. What's more, they've all done well.

Although one of the men has since deceased, and another has moved on the expand his dairying dreams in Virginia, the family's dedication to milk production and registered Holsteins continues.

At "My Lady's Manor Farms," for example, Ross Smith, Jr., is currently in the midst of an ambitious building program. In about another week they'll be milking their 100 cows in a double-six parlor. Their 44-stanchion dairy barn will be remodeled into a calf barn and hospital area. Much of the existing equipment, including a pipeline, will be put up for sale.

"My Lady's Manor Farms" was purchased by Lewis Smith 64 years ago. Ross Smith, now 84, recalls those early days of dairying in a separate story which appears elsewhere in this issue.

Ross Smith Jr. purchased the 180-acre farm from his father 11 years ago.

He has always had an aggressive and optimistic outlook, as might be evidenced by his having won

the American Farmer degree in 1955 and the Outstanding Young Cooperator Award for Maryland Cooperative Milk Producers in 1969. He sees a very strong future in registered cattle and has sold a number of cows to foreign countries. In addition to their recognized skills as dairymen, members of the Smith family have consistently excelled in the show circuit. The Ross'

current DHIA average stands at 16,600 pounds of milk and 592 of fat. Their current champion, on a daily basis, is an aged cow which pumps out 128 pounds of milk every 24 hours. With six of their cows scored "Excellent," the herd's BAA stands at 102.8.

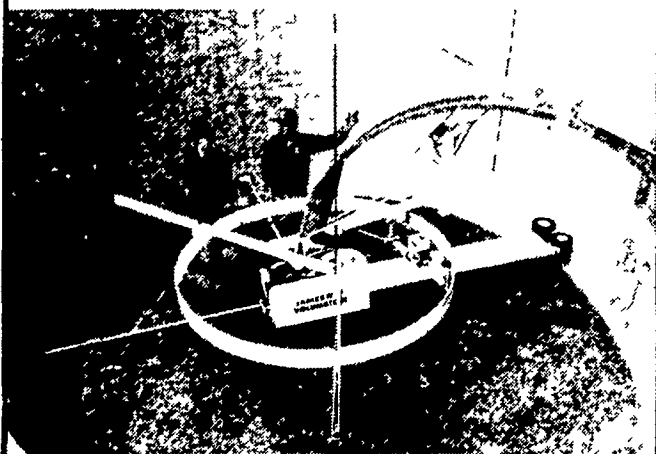
"The sale of registered

breeding stock is what you over the top," Smith told Lancaster Farming in an interview last week. Some of their animals have been sold to importing countries, such as Japan, while a few others haven't been for sale "at a price." One of their bulls is stabled at Sire Power.

Continued on Page 150

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Jamesway® Volumatic® II silage distributor-unloader pours silage out fast, cuts level, top to bottom. Power ring drive, no weights.

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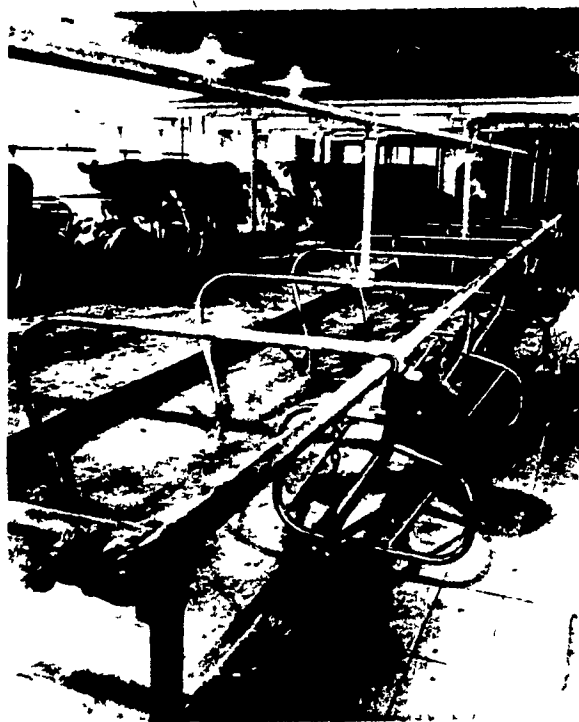
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BRENDLINGER REG. & HI-GRADE HOLSTEIN DISPERSAL

FRIDAY EVENING, JUNE 10, 1977

At 7:00 P.M.

(Potter Co.) Gold, Pa.

Located on Rt. 49, 1 mi. west of intersection 49 & 449, Gold, Pa.

74 HEAD - 44 REGISTERED

R. & W. Meadolake Citation H dau. w/17,053 m. in present lact.; R. & W. Milk & Honey Ivanhoe dau. w/9,283 m. in present lact.; Grayview Calina dau. w/22,590 m.; Dorothea-Acres Mooseheart Mack dau. w/19,470 m.; Dorothea-Acres Mooseheart Mack dau. w/20,056 m.; Spring Farm Reflection Ormsby dau. w/19,389 m. bred to Todd-Acres Elevation Topper Seiling Petro dau. w/20,161 m. Daus. from following sires - Peters-Farm ABC Ivanhoe, Larry-Moore Destiny J-Red, Bur-Ande Promis Leader Dean dau. w/15,094 m. from Astronaut Heidi-Hope dam, bred to Arlinda Jet Stream, Mowry Ivanhoe Prince dau. w/14,561 m.

Few fresh & springing daus. of Anastasis Astronaut Max, Don Augur Carnation Royal Jo Jo, Knob Lick Elevation Bob.

Some outstanding grade cows w/size & good udders - year around dairy, some late summer & early fall cows.

All ready for interstate, preg. ckd., DHIA records never been pushed for production, never been classified. There are cows here anyone would like.

ALSO the following machinery will be sold - JD 100 G.W.F. 3 pt. h., 1,200 hrs.; AC D-17 G. Ser. III w/1 good rubber, w/elec. front mounted blade; NH 275 baler w/kicker; NH 56 rake; NH 800 1-row chopper; NH hay & gr. elev.; NI cut-ditioner (all completely rebuilt); MF spreader; Tri-axle steel deck flatbed dump trailer; 2 alum. gates; 20 treated posts. Machinery will sell at 7:00 P.M.

Terms: Cash or good check. Lunch. Catalogs.

Also for sale by private treaty a 428 acre farm, tillable, level. Free stalls (147), milking parlor 2 large ponds. 2 mi. road frontage.

Owners,

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PUBLIC AUCTION**VALUABLE PERSONAL PROPERTY
SATURDAY, JUNE 11, 1977**

11:00 A.M.

Located at 15 W. Main St., Lititz, Pa.

The following items: large Victor safe, Victor manual adding machine, metal cabinet with lock, metal cabinets and wardrobe, night tables, foot stool, music cabinet, needle point chairs, cane seat chairs, 2 Indian rugs, Victrola cabinet, oak washstand, clothes tree, pedestal table, bureau, piano stool, brass buckets, early kerosene auto head lamp, mantel clock, tin coffee pots, funnel cake funnels, outstanding bent arrow back plank settee, Lane cedar chest, early Singer sewing machine, Fiesta ware service for 12 plus serving items, black & white TV set, tin cups, sectional sofa, ice cream dippers, kerosene lamp, dinette set, early brass candle stick, crocks, redware crocks, vacuum cleaner, appliances, pattern glass goblets, plate, picture frames, pattern glass items, snowflake, oriental china, vases, early Duffy malt whiskey bottle, miniature cups, Mojolica pitcher, flatware, McCoy pottery, Adams historical plate, hutch cupboard, baseboards, porch chairs, Kissel Hill and Mt. Airy church plates, figurines, metal thread cabinet, 12,000 BTU window air conditioner 230-V, Frigidaire automatic washer, G.E. refrigerator, Modern Maid 24 inch gas stove, Modern Main exhaust fan, pipe fittings, all old coins, tea kettles, also numerous items not listed.

Sale By
**Charles E. Bowman, Jr. &
Helen N. Bermel**
Executors for
Charles Bowman Sr. Estate

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Elmer Murry 626-5244 or 626-2636

Richard Murry 626-8175

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Dairy relics become treasured[Continued from Page 138]
scapes come next and are

allowed to dry for about two weeks. A flat varnish finish

seals the paints and renders them waterproof.

canvas a small portion at a time, cutting down to a new, clean portion of the vegetable when the used part becomes soiled.

Several of the walls in the Ogle home are colorfully decorated with murals that he has designed and painted. He and his wife Catherine have done some traveling through the South, and the artist stored some of the travel "memories" in his head to paint when he returned home. He expects a planned trip through the West to leave him with even more ideas for putting down on the canvasses filling his home and studio.

A small frame business has been a side effect of the painting hobby. Friends say the frames which he used to finish his own paintings, and soon he was swamped with requests to custom frame other pictures. One wall of his studio displays the assorted frames available, about half of which Ogle himself builds and stains. Most of the frames are done in pine and poplar woods, then finished in colors to compliment the individual paintings.

North Central states manufacture 80 per cent of the American cheese, and 2-3 of the Swiss and Italian cheese. One-fourth of their American cheese is manufactured in large scale plants - over 20 million pounds of cheese a year.

**VIRGINIA HERD****DISPERSAL****100 HEAD OF REG. AND GRADE HOLSTEINS****Friday night, June 10, 1977**

7:30 PM D.S.T.

At Shady Lane Dairy Sales, ¼ mile west of Quarryville off Route 372 on Oak Bottom Road.

This herd consists of 52 head of grade Holsteins, cows in all stages of lactation with real good size and udder placements. This herd has never been pushed and shows a lot of potential. All bred to Elevation bull and home raised. We haven't been getting many of these Virginia herds lately, but many good cows come from there. These Virginia herds are the most sought after herds we deal in. Also selling 60 head of registered and grade Holsteins. Our pick out of herd dispersals in Pennsylvania, Maryland, New York, Va. and West Va. Plan to see this sale if you need good cows. It may be awhile until we have another Virginia herd. 30 day TB and blood test. Pregnancy examined. Also, one outstanding group of first calf heifers from one herd due June thru August.

SHADY LANE DAIRY SALES

R.D. 4, Box 463

Quarryville, Pa. 17566

Glen D. Fite, owner

Res. 717-786-2750

Sale office 717-786-1725

K. Bradley, E. Kreider, Auctioneers

E. Eschbach and D. Fite, Clerks

OUTSTANDING TWO DAY AUCTION**OF FINE GLASSWARE, LAMPS, CHINA & MARBLE TOP TABLES**

Two day sale to be held at Gap Auction House in Gap, Pa. From Lancaster, follow Route 30 East approximately 15 miles to Route 41. Take 41 South past town clock and watch for signs. Auction is located approximately ¼ mile from town clock.

**FRIDAY, JUNE 17, 1977 AT 10 A.M.
GLASSWARE, LAMPS AND CHINA**

GLASSWARE: More than 150 pieces of old Moon & Star pattern glass including assorted compotes, cake stands, goblets, salts, relish dishes, salt and pepper, fruit bowls, nappies, pitchers, creamers, berry dishes, celery stands, and cruet; more than 75 pieces of old blue Daisy & Button pattern glass including castor set, small cornucopia, cordials, water set, cake stands, goblets, cruet, tumblers, large bowls, cups, assorted size shoes, hats, coal buckets, plates, vase, salts, salt and pepper sets, bowls, relish tray, small pitcher, and nappies; several water sets including blue coin spot, cranberry, Spanish Lace, 2 opalescent cranberry, hand-painted Lily of the Valley, purple carnival, and custard glass; many water pitchers including amber coin spot, amethyst, satin glass, and blue Spanish Lace; Amberina bottle; Satin glass rose bowl; blown-cranberry bowl; thumbprint wine decanter; blue coin spot cruet; large ruby glass egg on 3 footed nest; U.S. Grant daisy and button platter; Spanish Lace cruet; cranberry glass cruet; cranberry opalescent cruet set.

Cranberry opalescent hobnail bowl; 4 inch Wavecrest hinged box; sandwich-type glass; pattern glass relish castor; pair 12½ inch dec. vases; small ruby atomizer; carnival glass including peacock bowl, footed Northwood bowl, Northwood vase, 2 large bowls, and grape sugar; large blown Easter egg; art glass vase; milk glass dresser bottle and plates; vaseline opalescent bowl; gold-banded goblets; wine decanter; large cranberry light shade; cut glass relish dish; etched celery stand; amber ABC animal plates; bride's basket; blown ruby basket; pair amethyst candlesticks; blue blown bottle; mercury vases; candy ducks; centennial exhibition slipper; painted enamel green pitcher; etched goblets; pear pattern goblets and dishes; and many other pieces of pattern, pressed and some depression glass.

CHINA: 6 inch Gaudy Dutch mug; 10 inch Gaudy Welsh bowl; Gaudy ironstone tea set; 16 x 21 inch Gaudy ironstone platter (No. 53); two 9 inch bisque girls; ornate china fruit bowl on figurine base; pair figurine candleholders; W.S. & S. ornate bowl; mustache cup; large Sunbonnet girl cup; English World War I souvenir cup; large green Staffordshire cup; majolica cake stand; bisque figurine; large china egg; many creamers including German cows, Royal Bayreuth ram and crow, Czech eagle, German goat, Lancaster souvenir, wolf/swan, blue milk glass owl, copper lustre, and assorted animal creamers; Limoges platter; tea strainer; Nippon nut set and bowl; clown teapot; set of Smith-Taylor dishes; 1909 York calendar plate; Parkesburg souvenir cup; Penryn Park souvenir pitcher; blue willow ware; Oriental dishes and rice bowls; turkey, hen, and rooster on nests; cake stands; Noritake bowl; game plates; bisque pieces; ironstone pitcher and bowl; and many unusual china bowls and dishes.

LAMPS: Many old, complete Gone With The Wind lamps including one large matching pair; 4 dated piano lamps; cupid banquet lamp; large brass lamp with cranberry shade; 2 min. satin glass oil lamps; small Tiffany-type desk lamp; min.

milk glass lamp; Tiffany-type table lamp (2 panes missing); Hopalong Cassidy lamp.

MISCELLANEOUS ANTIQUES: Small dome clock (signed Tiffany on face); brass bucket; art nouveau clock; Seth Thomas clock; Rising Sun, Md. stoneware rolling pin; butter scales; baskets; iron pots; cast iron wash boiler; gold oval picture frame; iron bank; crocks and jugs; tin bank; iron skillets; cast iron tea kettle; large demijohn; butcher knives; flat irons; trivets; and irons; jardinières; pocket watch parts; silverware, and many, many other items.

SATURDAY, JUNE 18, 1977 AT 11 A.M.**ANTIQUES AND MODERN FURNITURE**

ANTIQUE FURNITURE: 6 Victorian marble-top stands; Victorian sofa with rose carving; 3 brass marble top stands; pie safe; round oak table; acorn top rope bed; Sahara oriental throw rugs; two 9 x 12 oriental rugs; tramp art min. dresser; 3 tier Victorian stand; 2 square china closets; cherry dining room suite including gate-leg drop leaf table; 8 chairs; buffet and server; inlay table and stand; organ and piano stools; wooden towel bars; min. dresser and crib; platform rocker; 4 piece bedroom suite (veneer); empire chest of drawers; empire love seat; low brace back rocker.

MODERN FURNITURE: 3 piece living room suite with claw feet; maple bedroom suite; twin beds; 21 cu. ft. G.E. upright freezer; Necchi sewing machine; dressers; chest of drawers; vibrating chair; 2 drawer filing cabinet; knee-hole desk; glass top coffee table; metal base cabinet; utility cabinets; metal wardrobes mahogany bedroom suite with pineapple poster bed, dresser, vanity and 2 night stands; mahogany high boy with Queen Anne feet; and other items.

PREVIEW THURSDAY, JUNE 16, 1977 FROM 2 P.M. UNTIL 7 P.M.

TERMS OF SALE: Cash, Certified check or letter of credit reference from your bank.

NOTE: This is a once in a lifetime opportunity to find a selection of old glassware in mint condition, much of which has been packed for 20 or more years.

Settlement must be made at the end of each day, before removing merchandise.



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Jay Leary
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Sale by:
STUART H. GRIMM, JR.
Executor for
Steuart H. Grimm Estate

York County DHIA

(Continued from Page 124)

William H Fantom						
84	3	7-8	305	13,163	4.3	572
Ruth	3	4-9	305	17,815	4.1	730
David Stewart						
Sonia	3	6-4	294	18,005	3.6	651
Minute	3	4-10	305	23,630	3.6	855
Andy	3	2-10	305	17,218	3.3	566
Bonnie	3	2-9	305	14,085	3.9	544
Jessie	3	2-11	305	13,069	4.0	526
Mollie	3	2-9	305	14,950	3.9	583
Susquehanna Dairy Fm						
Brita 27	3	5-4	305	15,301	3.8	575
Gina 85	3	4-1	305	13,382	3.8	512
Fawn Valley Farm						
Polly	3	6-11	303	15,210	3.3	504
Trixie	3	5-2	305	14,306	4.9	697
Missy	3	4-3	305	13,714	3.9	528

NAME OF HERD OWNER	BREED	NO. COWS	COW DAYS IN MILK	MILK LBS.	" FAT LBS.	" FAT LBS.
Sinking Spring Fm Inc	B3	60.0	97.5	61.5	4.4	2.71
Avalong Farms Inc	B3	45.9	86.9	58.8	3.8	2.24
Sinking Spring Fm Inc	B3	62.0	88.5	56.2	3.9	2.21
Beshore Farms	3	43.0	93.5	60.3	3.5	2.13
Avalong Farms Inc	B3	44.4	88.5	56.9	3.7	2.10
Thomas A Boyer	B3	32.6	92.3	54.0	3.8	2.07
H E Fetrow & Sons	B3	71.0	95.5	53.2	3.9	2.06
Snyders Richlawn Fms	B3	64.1	85.8	50.3	4.0	2.03
Robert R Stewart	B3	40.9	95.8	52.7	3.7	1.97
Guy A Leader & Sons	2	74.5	92.8	40.5	4.8	1.94
Bupplynn Farms Farm 2	B3	59.5	95.5	52.7	3.7	1.94
Melvin Diem Jr.	G3	49.0	95.7	45.9	4.2	1.91
Fred Sprenkle	3	37.0	89.1	52.4	3.6	1.90
Earl Fuhrman	B3	66.1	84.5	45.4	4.2	1.90
Wayne B Mummert	B3	63.4	86.3	50.2	3.8	1.90
David Stewart	3	58.7	86.4	48.1	3.9	1.88
Fred Kimmel	3	25.3	95.5	42.2	4.4	1.84
Paul R King	3	47.7	91.6	44.5	4.1	1.82
Hidden Springs Farm	B3	72.5	85.2	43.4	4.2	1.81
Avalong Farms Inc	B2	43.7	92.1	37.6	4.8	1.81
Lynn Wolf	B3	42.8	84.4	49.4	3.7	1.81
Galawn Farms	B3	46.0	86.4	44.9	4.0	1.80
Paul R King	3	48.1	90.2	44.2	4.0	1.76
Rutter Bros	B2	76.5	94.4	34.8	5.0	1.75
McRai Dairy Farm	B3	117.6	94.1	45.1	3.9	1.75
Claude M Cooper	G3	34.2	91.5	44.1	3.9	1.74
Elvin G Molison	B3	81.4	91.5	44.8	3.8	1.72
Hidden Springs Farm	B3	70.4	81.0	41.8	4.1	1.71
Robert W Mays	B8	64.0	87.8	44.8	3.8	1.71
Curtis V Thompson	B8	63.1	95.4	47.3	3.6	1.70
Eugene M Kilgore	B8	44.3	86.7	40.7	4.2	1.70
Gum Tree Farm	B3	43.0	95.3	45.6	3.7	1.68
Leroy Bupp	B8	47.0	91.4	41.5	4.0	1.66
Elmer Myers	3	50.0	87.3	43.2	3.8	1.65
Richard E Stough	B3	33.9	88.1	43.7	3.8	1.65
Vincent C Webb	B8	67.0	97.4	45.4	3.6	1.64
T Edwin Johnson	3	48.8	92.2	43.3	3.8	1.63
Harold Brown	3	68.7	93.1	43.4	3.7	1.62
Rodman C Thompson	3	46.9	83.0	43.9	3.7	1.62
Stump Acres	B3	106.8	88.0	44.1	3.7	1.62
Avalong Farms Inc	B2	44.7	81.2	32.1	5.0	1.62
Elvin R Deiter	B8	53.3	91.3	43.4	3.7	1.62
Philip R Stambaugh	B8	48.0	88.6	40.4	4.0	1.60
Harold Brown	3	64.7	94.6	45.0	3.5	1.59
Leroy Hertzler	B3	23.5	96.9	40.4	3.9	1.58
Phillip D Laughman	3	23.2	88.7	41.3	3.8	1.58
Gum Tree Farms	B3	45.0	85.1	41.2	3.8	1.57
Roy and Frank Feeser	B3	117.2	86.2	40.2	3.9	1.56
Honeycrest Fm	B2	95.7	87.1	34.3	4.5	1.56
J Donnell Taylor (Mar)	B3	72.8	88.7	40.5	3.8	1.55
William H Fantom (Mar)	B3	64.0	94.4	42.4	3.6	1.54
C Robert Kilgore (Mar)	B3	45.0	88.5	39.0	3.9	1.53
Albert Dehoff	B8	101.9	94.0	41.0	3.7	1.52
Rick L Cook	B3	75.5	86.9	37.1	4.1	1.52
JE Janius & Son	B8	74.0	90.0	30.9	4.9	1.51
Wayne L Sweitzer	B8	44.2	83.8	41.1	3.7	1.51
Kenneth L Rexroth	B8	100.1	89.5	41.1	3.6	1.50
Susquehanna Dairy Fm	B3	81.1	84.9	41.9	3.6	1.49
J H & M B Hushon	B3	80.7	88.3	39.6	3.8	1.49
Mervin W Hertzler	B8	66.3	90.7	33.5	4.4	1.49
Palmer McWilliams Jr	B3	42.9	83.9	41.8	3.5	1.47
Dale & Darla Doll	B8	67.1	86.3	37.8	3.9	1.47
Donald Wilson	B8	35.0	82.5	38.3	3.8	1.47
J Donnell Taylor	B3	72.0	82.6	36.9	4.0	1.47
William H Fantom	B3	63.3	89.5	41.5	3.5	1.46
Adrian Rinehart	B3	96.9	88.4	40.0	3.6	1.45
Elwood T Krick	B8	67.9	97.5	38.3	3.8	1.44
Dennis L McWilliams	B3	64.8	85.1	41.8	3.4	1.44
Larry J Moyer	B8	61.1	77.0	38.6	3.7	1.44
Mervin W Hertzler (Mar)	00	62.0	85.1	30.3	4.8	1.44
Ellis Crowl	B8	124.9	89.3	35.5	4.0	1.43
Desota & Robt Burchett (Mar)	B8	93.9	93.3	37.0	3.9	1.43
Robert J Reheard	B3	36.1	87.2	34.7	4.1	1.43
Jay L Hoover	B8	40.0	90.9	37.5	3.8	1.42
Philip R Stambaugh (Mar)	B8	46.4	84.0	35.8	4.0	1.42
Fawn Valley Farm	B3	65.3	87.0	35.1	4.0	1.41
T & M & M K Walker	G8	41.9	86.3	35.9	3.9	1.41
Geor Bren Farms	G3	100.0	96.0	36.2	3.9	1.41
Carl Anderson	B8	55.7	86.7	39.3	3.6	1.40
C Robert Kilgore	B3	45.0	78.2	36.2	3.8	1.39
Horace E Heindel	B3	145.9	78.1	38.6	3.6	1.39
Gum Tree Farms	B3	45.0	76.8	34.7	4.0	1.38
Melvin R Lehr	B3	34.0	78.3	36.3	3.8	1.38
John H Doll Jr	B8	35.0	90.9	39.2	3.5	1.38
Jacobs & Stambaugh	B3	50.1	91.1	36.5	3.8	1.37
Adrian Rinehart (Mar)	B3	101.0	84.7	36.1	3.7	1.35
Desota & Robt Burchett	B8	103.3	90.5	35.8	3.8	1.35
Steven & Beth Staner	B8	42.9	87.6	29.3	4.6	1.35
John D Adams	B8	53.9	95.2	35.0	3.9	1.35

Students seeking farm jobs

UNIVERSITY PARK, Pa. Farmers needing temporary workers, especially for the Summer, have an opportunity to help to educate young people who will make their careers in agriculture. The young people are students from urban backgrounds now majoring in agriculture at The Pennsylvania State University.

Many of these students

from urban areas express a strong need for on-farm experience not available on the campus, according to Leon J. Johnson of the Department of Agronomy, College of Agriculture. Johnson said the urban students realize that formal course work becomes more meaningful with some parttime farm employment.

Johnson is gathering the names, addresses, and telephone numbers of farmers interested in hiring students for the summer or for somewhat longer periods. His address is 13 Tyson Building, University Park, Pa. 16802. The telephone number is 814 865-1147.

"Here is an excellent opportunity for farmers, who need temporary help, to participate in educating people who will be serving farmers in the future," he stated.

A survey made at Penn State in 1973 revealed a changing trend in the geographical origins of undergraduate students in agriculture. By 1973, two-thirds of the students were from urban and suburban backgrounds, instead of the traditional rural areas.

While 63 per cent of the upperclass students in 1973 were from urban areas, over 70 per cent of the incoming freshmen were from non-rural homes. The survey indicated that further changes could be expected in this direction.

Undergraduate enrollment in the College of Agriculture rose 184 per cent from 1970 to 1976. This past college term there were 3,650 undergraduates and 440 graduate students, making Penn State's agricultural enrollment the fifth largest in the nation.



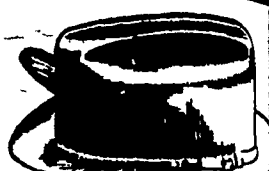
The American Presidency is firmly rooted in agriculture through the farm ties of over half the men who have held that office. From the first, George Washington, to the 39th, Jimmy Carter, 23 U.S. Presidents were raised on, owned or ran farms.

xxx
In 1976, American dairy cows produced enough milk to form a river that would measure 2,904 miles long, 41 feet wide and three-and-a-half feet deep. It would stretch from Boston to San Francisco. If put in gallon cartons and placed side by side, the 120 billion pounds of milk produced would form a band around the world 85 times at the equator.

xxx
The most prolific dairy stud bull in the country, Paclamar Astronaut, has sired over 100,000 offspring. He is estimated to have a female descendant in one of every three dairy herds in the U.S. These cows produce more than 600 million quarts of milk in one year, enough to supply every American with three glasses of milk a day for a full year.

HAT & GAVEL AUCTION CO.

1 Mile North of Lititz on Route 501



THURSDAY EVENING, JUNE 9, 1977

5:30 P.M.

FURNITURE, HOUSEHOLD, COLLECTIBLES

Oak Round Dropleaf extension table, Oak hall rack, oak dresser, wicker rocker, chair, table and other pieces, tools and lots of real good collectible items

(No coins on this sale)

ESTATES AND ANTIQUES

WILBUR H. HOSLER

306 Owl Hill Road, Lititz

Harold K. Galebach, Partner

HAT & GAVEL AUCTION CO. SELLS ON COMMISSION—CALL 626-0254

Receiving Hours: Monday, Noon to 9 P.M.; Wednesday, 9 A.M. to 5 P.M.; Tuesday, Pickup Day

Positively No More Garage Sale Leftovers Will Be Received.

PUBLIC AUCTION AND OPEN HOUSE

TRACTORS—FARM AND GARDEN LAWNMOWERS, MOTORCYCLES & TRAILERS

DOOR PRIZES



DOOR PRIZES

SATURDAY, JUNE 11, 1977 12:30 P.M.

Come see the all new 1977 Massey Ferguson tractors, plus the new Yanmar diesel from 13 to 24 hp.

Location: Rt. 322 East to village of Hinkletown, turn left into the village of M. tindale. Turn left at the square and follow Auction Signs. Lancaster Co., Pa.

NEW EQUIPMENT

1 - 18 hp. Hesston with 60" cut, power steering; Massey Ferguson 8 hp. tractors, 34" cut; 2 - 832 R with 8 hp. & 32" cut; 1 - 626 Rider, 6 hp. with 26" cut; 5 hp. Massey rotor tillers; 2 - 3 hp. Massey tillers chain drive; 2 - heavy duty dump carts.

VALUABLE USED EQUIPMENT

72 Ford 3000 Diesel trac. with live PTO and self speed, the only thing this tractor was used for lawns; Farmall Cub with cultivator (good condition) - 25 hp. Mitisibisi diesel trac. with standard PTO and pt. (THE ABOVE 3 TRACTORS SOLD AT 2:30).

1 - 18 hp. Hesston 60" cut, power steering; 1 - 14 hp. Massey, both with Hydrostatic hydraulic lift, 48" cut; 1 - 12 hp. Massey Hydro with 42" cut; 1 - 10 hp. Ford with 42" cut and plow; 1 - 8 hp. Massey Hydrostatic 34" cut; 2 - Massey 34" cut; 6 hp. rider, 32" cut; 1 - 5 hp. rider cut; 2 - Ariens riders, 5 hp. & 6 hp., 28" cut; 1 - Hahn rider; 1 - 12 hp. Grasshopper with 44" cut; 1 - 6 hp. Yazoo with 48" cut (good condition); 1 - 6 hp. Holland Hydrostatic plus many more by sale date.

CYCLES—TRAILERS—ACCESSORIES

1 - 175cc Kawasaki trail bike; 2 - 175cc Yamaha bikes; 2 - new cycle trailers; 1 - new utility trailer used tandem axle trailer, 16' with elec. brakes, good tires. Helmets all sizes, face shields, wrenches; and much much more by the day of sale.

NOTE: A real fine selection of new and good equipment is to be offered, so mark June 11 on calendar and plan to attend!!

(ASK ABOUT OUR SPECIAL FINANCING)

Terms by,

LAWN CARE OF PENN

DANIEL Z. MARTIN

(215) 445-6650

Sale Conducted By: Randal V. Kline (717) 733-1006 Lloyd H. Kreider

Lunch by Martindale Fire Co.

KLINE AUCTION SERVICE

R.D. 1, STEVENS, PENNSYLVANIA 175

READ
LANCASTER FARMING
FOR FULL
MARKET REPORTS

Milk promotion aimed at kids

ROSEMONT, Ill. — American Dairy Association's (ADA) 1977 Summer promotion features a new selling theme designed to "shake up" dairy food sales.

The promotion, which will kick off June Dairy Month, introduces a "stirriffic" new way to serve milk, "Shake Up A Magic Cow." This promotion shows how to "Shake Up Summer Tastes" with real dairy products, and reminds mothers the best way to cool off their kids during hot Summer days is to "Make 'Em Beam With Ice Cream."

ADA's Summer campaign for milk promotes its use with powdered soft drink mixes. Kids under 12, who account for 37 per cent of total milk sales, make more of their own food choice today. So, ADA will direct its Summer advertising primarily toward kids and suggest they add the powdered soft drink mixes to milk for a whole new group of nutritious, fun-flavored drinks.

Kids simply add two teaspoons of presweetened soft drink mix to an eight ounce of glass of milk and "Shake Up A Magic Cow."

The "Magic Cow" concept was pretested in schools and supermarkets with strong positive response from both children and adult consumers. In stores where the milk drink was demonstrated, one out of every two participating shoppers bought milk and a powdered soft drink mix.

Highlighting the "Magic Cow" promotion is a premium offer for a shaker set of six 14 ounce plastic tumblers for \$1.

Advertising Support Primary advertising support of the Summer promotion is for the "Magic Cow."

Color ads which feature a "Magic Cow" cartoon character will appear in the Sunday comic sections of 275 major market newspapers in 49 states in the weeks of June 5 and 19. One-third page ads will run in standard papers and one-half page placements will appear in tabloids. The ads will reach a total circulation of more than 80 million for the two weeks.

ADA member units will also promote the offer with a 600-line newspaper ad which carries a return coupon.

The "Magic Cow" character also appears in two animated 30-second TV

spots. "Magic Cow Offer," aimed at adults, show how to make the milk drink, and urges mothers to check food stores for details of the premium offer. "Magic Cow" is aimed at kids and emphasizes how to make the "Magic Cow" drink.

The voice of the "Magic Cow" cartoon character is featured in a 60-second radio spot and two 30-second radio commercials. All three spots tell how to make the milk drink.



How to Cook Cheese

When using cheese with foods to be cooked on top of the range or in the oven, such as in a casserole, use low to moderate temperatures. Extension specialists at The Pennsylvania State University offer this suggestion to keep cheese toppings from hardening. Cover the cheese with crumbs, or add cheese just a few minutes before taking the casserole from the oven. Shredded or diced cheese will melt quickly. Remember to use moderate temperatures.

CALL US FOR "ON-THE-SPOT" FARM TIRE SERVICE

THE FIELD
THE FARM
THE ROAD

fully equipped farm service
and skilled repairmen bring
fast on-the-spot tire REPAIRS,
PLACEMENTS and HYDRO-
STATION

WHEN AND WHERE
YOU NEED IT

Our trucks are radio controlled for faster service when you need it!

SWEIGART TIRE SERVICE

Formerly Sweigart Firestone

677 W. HIGH ST.
MANHEIM, PA

PHONE 665-2258
HOME 665-3603

Wickes Lumber

PUBLIC AUCTION

OF DISCONTINUED, DAMAGED, AND OBSOLETE LUMBER,
BUILDING MATERIALS, PLUMBING, HEATING, ELECTRICAL,
AND MISCELLANEOUS, ITEMS.

TUESDAY, JUNE 21, 1977

At 5:30 P.M.

Located at the Wickes Store Parking Lot 1 1/4 mile Northeast of Ephrata on Rt. 272.

2 x 3, 2 x 4, 2 x 6, 2 x 8, 2 x 10, 2 x 12, warped, bowed, checked. 4 x 6, 6 x 6, 2 x 6 treated, bowed or cracked. 100pc. 5/8" CD shtg T/G plywood. 20 sq. fiberglass shingles, assorted colors of other shingles. 50 lb. 2 in. galv roof nails, 1 in. and 1 1/2 in Reynolds Evergrip screw nails w/washer. 2000 ft primed colonial baseboard, short lengths pine mouldings. Windows, insulated glass, screens, window grills, storm windows, aluminum shutters.

Exterior doors, 3-1/6 birch prehung doors, birch 1 3/8" doors, and 4/0, 5/0, 6/0 metal bifolds. 1- 9 x 7 and 1-16 x 7 fiberglass garage doors, both slightly damaged. 2- 10 ft x 20 ft. aluminum patio covers, one with parts missing.

Roof trusses; 11-20 ft w/5/12 pitch, 1-20 ft w/5/12 pitch gable, 17-25 ft 4 in. w/4/12 pitch, 2-25 ft 4 in w/4/12 gables, and 10-16 ft w/5/12 pitch trusses, 1-32 in x 32 in x 48 in roof vent galv.

Metal Roofing - Steel and Aluminum

Cabinets: unfinished base cabinets, damaged wall and base cabinets. 4 ft and 6 ft preformed counter top, 30 x 96 yellow, green and avocado counter top material. 1-15 cu. ft. freezer, 1-24 in built-in oven, and 1/2 hp garbage disposal.

5 ft. comforttub bathtubs, 1-avocado, 1-blue, 1-gold damaged, 18 in round cast iron lavatory; assorted colors, 3 in copper fittings, 3/8 copper fittings. Chandelier, ceiling and wall light fixtures. Blue and Green 100 watt bulbs. 42 in avocado range hood. Galv. heating pipe. 7 in, 10 in, 12 in. boots, elbows and take offs. Electric wall heater. Air duct grills and air conditioner coils, tubing and assorted small parts.

10- short handle shovels, 3-mason hoes. Redwood curved benches. Unpainted furniture; 3-bookshelves, 3-record cabinets, 1-rolltop desk. 1-10 x 7 metal storage building, display model. 1-10 x 7 storage building, not assembled. 6-Stanley homeowners squares, 1-Black & Decker 7 1/4 saw, 5- Black & Decker 1/4 in drills, 1-1/2 in Black & Decker drill.

14-gallon latex wall paint, yellow, avocado, and celery. 8-gallon Semi Gloss Latex yellow, avocado, poppy and parakeet. 14-gallon Flat Latex blue, yellow, cherry and pink. 7-gallon Desert Sand Ext. Straw, and 21 Antiquing, assorted colors.

Many, Many more items to sell.

T. GLENN HORST
Auctioneer

Food Stand By the Akron Fire Co.

Wickes Lumber

SPECIAL SALE FEEDER AND FAT CATTLE

FRIDAY NIGHT, JUNE 10, 1977
AT 7:30 P.M.

BLUE RIDGE LIVESTOCK SALES, INC.
Charles Town, W. Va.

PUBLIC SALE

JUNE 11, 1977

At 10:00 A.M.

H.H. GOODS & ANTIQUES

Located Along Manheim, Mt. Joy Rd. Just outside of Mt. Joy in the Village of Stauffertown:

Kelvinator refrigerator w/freezer, drop-leaf table w/drawer, 6 plank-seat chairs, goose-neck rocker, other old rocker, sofa-bed, double bed, mattress, box spring, dresser, chiffonair, blanket chest, porch furniture & swing, benches, window fan, lamps, pole light, sm. cupboard, Mosler Safe, metal chandelabra, old stand, Blue coal-oil heater, kit. clock, vases, iron dog, china dolls, old watches, watch fob, COINS-silver dollars (1832-'86-'89 & others), one cent pieces, medallions (U.S. Mint), bottles, cards, books, family Bible, china, metal ware, wooden articles, picture frames, child's crib, play pen, 2 strollers, car seat, quilting & rug frame, New homemade quilt, lipens, bedding, baskets, S.S. elec. skillet, cooking utensils, etc.

Garden tools, step ladder, 2 mens bicycles, 2 push mowers, Maytag wringer washer and numerous useful items not listed.

Lunch available.

Sale by,

MRS. ANNA FISHBURN

C. H. Wolgemuth & H. Shaffner Auctioneers.
Ph: 665-5664

Cows are very undemocratic

ROSEMONT, Ill. - All dairy cows are not created equal. That's the conclusion of a group of Wisconsin dairy scientists who spent considerable time observing a typical dairy herd.

The scientists found cows to be a very undemocratic group with discrimination running rampant and a boss running the herd.

A cow establishes her rank in the herd soon after becoming a member. If she's a bossy type, her privileges will be many. She'll have plenty to eat, the best shade and get milked first.

If the cow's a quiet, docile girl, her position in the herd will be low and she'll have a rough time the rest of her days. She will have no

privileges, have to wait at meal time plus take abuse from the others when milking begins.

It's hard to say whether a cow herd status affects her milk production. High producers are found as often at the bottom as well as at the top of the social ladder.

Bossy cows are apt to fill up faster since they have first crack at the feed. In mapping out the feeding patterns of a herd on cropped green feed, the scientists found bossy cows walked only 400 feet and filled up in about one hour.

The docile cows had to "try harder" to get a good meal because of all the abuse they had to take. These cows walked nearly 1000 feet and took more than two hours to

fill up.

The quiet cows do however have one privilege. There is always a "mother-cow" in the herd to sympathize with their plight. She'll kindly lick their nose and pat their head when the going gets rough.

Today, not all dairy cows are pasture raised. In such states as California, cows are penned in an area no larger than three to five acres. Each day they are milked by farm laborers and walk only a few feet to troughs filled with grain. Their entire lives are spent grouped together.

Dairy production however is just as high, yet one wonders if such cows don't yearn for greener pastures.

New farm bill scored

WASHINGTON, D.C. - During the Presidential campaign, President Carter promised American farmers a program which would insure a return of at least their cost of production. After the election, the President changed his mind. However, the U.S. Senate, in passing their version of a new farm bill, has kept the President's original promise.

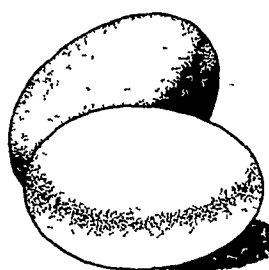
John W. Scott, Master of the National Grange, said, "The Grange understands and supports the President's desire to balance the budget by 1981, but does the American farmer have to make a greater contribution than the rest of the nation? If farmers are to produce at a level to stabilize prices at home and continue to make a large contribution to our balance of payments through

continued high exports, they must be assured of at least the return of their production cost. The Senate bill does this and we applaud them for recognizing the contribution the American farmer is making to our total economy."

The Senate bill sets the 1978 target price for wheat at \$3.10 a bushel as compared to the Administration's \$2.90 and corn at \$2.28 a bushel as compared to \$2.00. The Senate also extended milk marketing provisions for five years with support levels set at 80 per cent of parity through March 31, 1978.

Scott also said, "We share and support the President's efforts to reduce federal spending. That's why we oppose such programs as the Consumer Protection Agency and other

duplicative and unnecessary programs. But we don't believe it's in the best interest of the nation to balance the budget at the expense of the family farmer.



About
80 calories
each.



The incredible edible egg

WANTED TO BUY!!

60 to 70 HEAD OF DAIRY CATTLE,
GRADES or PUREBREDS.
FOR OCTOBER, NOVEMBER,
DECEMBER or SPRING OF 1978.

WILL PAY CASH OR BUY
ON MONTHLY INSTALLMENTS AT
9% INTEREST FOR FIVE YEARS.

LOCAL
**LANCASTER COUNTY
DAIRYMAN**

Call 717-464-4663,
early morning, or late evening.

PUBLIC SALE OF REAL ESTATE

In the Court of Common Pleas of Northumberland County, Pennsylvania, Civil Action-Equity, No. 1170, in Partition, GOLDIE M. ROSENE, Plaintiff vs. ANNA DORNSIFE, Defendant.

NOTICE IS HEREBY GIVEN that, pursuant to Order of Court dated May 3, 1976, as amended, the undersigned Trustee will expose to public sale on

SATURDAY, JUNE 11, 1977

At 1:30 P.M. FDST

At the IOOF "Oddfellows" Building located approximately one mile south of Dornsife, Pa. on Route 225, the following described real estate.

Tract No. 1: ALL that certain tract or parcel of land situate in the Township of Upper Augusta, County of Northumberland and State of Pennsylvania, bounded and described as follows:

BEGINNING at a monument on a corner of land now or formerly of R.J. Moeschlin and land of W.H. Kuebler and Walter E. Lewart; thence south 88 degrees 30 minutes west along land of R.J. Moeschlin a distance of 1892 feet to a maple tree; thence continuing on south 87 degrees 7 minutes west along land of R.J. Moeschlin a distance of 811 feet to a monument on land of Henry Haas; thence along land of Henry Haas south 6 degrees 30 minutes west a distance of 895.1 feet to an iron pipe on the state highway leading from Sunbury to Shamokin; thence along the said highway 30 feet from the center of the road, south 86 degrees 09 minutes east a distance of 2,426 feet to an iron pipe on the corner of land of W.H. Kuebler and Walter Lewart; thence along the lands of W.H. Kuebler and Walter Lewart north 5 degrees 57 minutes east a distance of 1,282.8 feet to the place of beginning containing 66.44 acres of land, be the same more or less.

EXCEPTING AND RESERVING, however, from the above parcel of land the following:

1. Parcel of land conveyed to Melvin O. George and wife in Northumberland County Deed Book 301, Page 284.
2. Parcel of land conveyed to Chester L. Fox and wife in Northumberland County Deed Book 385, Page 541.
3. Parcel of land conveyed to Chester L. Fox and wife in Northumberland County Deed Book 401, Page 228.

Tract No. 2: ALL that certain tract of land situate in the Township of Little Mahanoy, Northumberland County, Pennsylvania, bounded and described as follows:

BEGINNING at a post, corner of this tract, Aaron Derr, and The Philadelphia and Reading Coal & Iron Company and along land of said Company north 7 degrees west 329 perches to a stone heap; thence by land of David Snyder north 8 degrees east 335 perches to a stone; thence by land formerly owned by Harry Kemble south 21 degrees east 114.3 perches to a stone; thence by land of D.M. Zartmen and Aaron Derr south 68 1/4 degrees west, 22.7 perches to a stone; thence by land of Aaron Derr south 6 degrees west 102 perches to the place of beginning containing 229 acres and 79 perches, more or less.

Tract No. 3: ALL that certain tract of mountain land situate in Little Mahanoy Township, Northumberland County, Pennsylvania, bounded and described as follows:

BEGINNING at a stone and along land of S.B. Dunkelberger, now F.R. Dornsife north 23 1/4 degrees west 116 perches to a stone; thence by land formerly of George Absley south 71 1/2 degrees west 67.5 perches to stone; thence by land of grant south 23 1/4 degrees east 120 perches to a pine; thence by land of the same north 8 degrees east 67.5 perches to stone, the place of beginning; containing 50 acres more or less.

Tract No. 4: ALL that certain tract of land situate in Little Mahanoy Township, Northumberland County, Pennsylvania, bounded and described as follows:

BEGINNING at stones a corner of this and Harry Kemble's land, and on a line J.D. Reitz's land; thence by land of said Henry Kemble north 22 1/2 degrees west 11 perches to stones; thence by land of Snyder and Seers north 71 1/2 degrees east perches to stones; thence by lands of the estate of Samuel Dornsife and Cornelius Goodman, south 22 1/2 degrees east 113 perches to stones; thence by land of J.D. Reitz south 68 degrees west 72 perches to the place of beginning, containing 1.5 acres and 98 perches, strict measure.

Tract No. 5: ALL that certain tract of land situate in Little Mahanoy Township, Northumberland County, Pennsylvania, bounded and described as follows: on the north by land of Snyder and Seers; on the east by land of C.H. Raker, on the south by lands of Annie Reed and Henry Reitz and on the west by land of W.P. Zartmen containing 29 acres and 32 perches more or less.

ALL those two (2) certain tracts of timber land situate in Little Mahanoy Township, Northumberland County, Pennsylvania, bounded and described as follows:

Tract No. 6: Beginning at stones on a line of land of Henry M. Treon; thence by land of Levi Wagner north 28 degrees west 75.5 perches to stones; thence by land of William Ross north 61 degrees east 45.5 perches to stone; thence by land of Elmer Peifer south 26 degrees east 87 perches to stones; thence by lands of D.Z. Reitz and Henry M. Treon south 75 1/2 degrees west 45.5 perches to the place of beginning containing 22 acres and 80 perches, strict measure.

Tract No. 7: Beginning at stones, a corner of this and Simon Reed's land and on a line of D.Z. Reitz's land; thence by lands of the said D.Z. Reitz and H.M. Reed north 75 1/4 degrees east 46 perches to a black oak tree; thence by land of Galen Smith north 27 degrees west 118.3 perches to stones; thence by land of William Ross south 75 1/4 degrees west 46.5 perches to stones, the place of beginning; containing 33 acres and 85 perches, strict measure.

Tract No. 8: ALL the undivided half interest in and to a certain tract of timber land situate in Jackson Township, Northumberland County, Pennsylvania, bounded by lands of Paul Lenker, Allen Ross, Reading Coal and Iron Company, Charles Zerbe and Samuel Deppen, containing 114 acres, more or less.

The tracts of land will be sold subject to all rights of way, easements, covenants, restrictions and conditions of record or which a visible inspection of the property would disclose.

TERMS AND CONDITIONS OF SALE: 10% of purchase price to be paid at time of sale; balance within 5 days after confirmation of sale by the Court and upon delivery of deed. Other conditions will be made known at time of sale or may be ascertained prior thereto at the office of the undersigned Trustee.

Premises may be inspected prior to sale by contacting the undersigned Trustee or Auctioneer.

H. WILLIAM KOCH, ESQUIRE

60 Walnut Street
Milton, PA 17847
Trustee
717-742-8746

LEE D. DOCKEY
AUCTIONEER-ESTATE LIQUIDATOR-APPRAISER
Box 164 Pillow, PA 17080
PHONE: 717-758-6004

Agri-Women request ideas

NEW PARK, Pa. - In order to provide the educational needs of many Americans in the field of agriculture, the American Agri-Women have set out to establish a

research center with funds applied for to the federal government for agricultural education.

The first project on the roster is student tours. Ande

Hofmann, National Education Committee Chairman for AAW, states that her state of Oregon has already made headway in this direction. But the committee is requesting input from women in other areas of the country as to how they conduct similar tours and some of the information used in educational public relations.

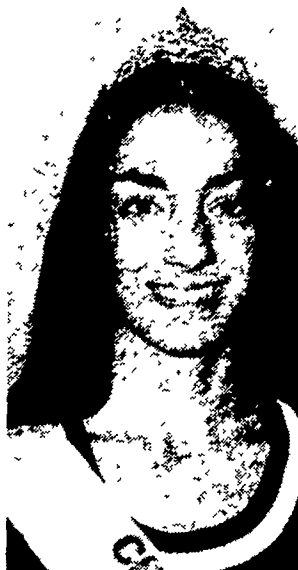
The committee plans to offer a step-by-step kit on how to set up student tours, plus audio-visuals available for particular aspects that may be used.

A workshop on ag education will be conducted at the November 10-12 convention in Green Bay, Wis.

Information on the convention can be obtained from Ethel Gross, Manchester R2, who is compiling the American Agri-Women Cookbook, or Gail McPherson, New Park R2, Goals and Goal Tending Chairman.

News - Nutrition

From Pa.'s Dairy Princesses



Twyla Troyer
Crawford County
Dairy Princess

By TWYLA TROYER
Crawford
County Dairy Princess

Being a dairy princess is one of the most rewarding things in which I've been involved. The satisfaction, I find, comes from giving of myself and my capabilities to a worthy cause, the Pennsylvania dairy farmers.

The dairy farmers of Pennsylvania are especially important to me, because my father is in this position himself. I'm proud to represent him and his fellow dairymen of Crawford County.

I'm not sure that each farmer realizes what his county and state dairy princesses are doing for him. That is one thing I would like to help make clear. A dairy farmer would be surprised how little some people know about his product and the misconceptions of many.

The dairy princess program is intended to give young ladies who are interested in their father's dairy industry a chance to put their talent and ability to use for the good of Pennsylvania's dairy farmers.

Using her ability to get along with people, she appears publicly, encouraging the prospective consumer to invest in wholesome milk and milk products.

She attends farm meetings to let the farmer know what she's been doing and that she is behind him. Parades are a part of her role. Her appearances in these familiarize her with the public.

The dairy princess helps at her county fair in the dairy barns and show arena. She informs people of milk's nutritional value and what it really contains.

A dairy princess is eminent in her county because she has been chosen to represent an industry, which is a corner stone of our national strength and well-being. She welcomes the opportunity to speak up for dairy farmers and their products.



have a
nice weekend...



PUBLIC SALE SATURDAY, JUNE 11, 1977

2:00 PM
REAL ESTATE

14th South 18th Street Harrisburg, Pa.

Terms by

K. & G. STONE, JR.

AUCTIONEERS:

Stone and Kilmer

Phone 717-367-3220

LEE SCHULTHEIS POTATO FARMS

COMPLETE DISPERSAL

SATURDAY, JUNE 11, 1977

10:00 A.M.

Arkport, New York

Sale to be held at the warehouse located on the Arkport Muck, 1 mile off Rte. 36 at the Village of Arkport. (5 miles north of Hornell, 15 miles south of Dansville, 22 miles west of Bath, 65 miles south of Rochester.) Landing strip for private craft at Hornell Municipal airport, 3 miles from sale site. Sold farm and selling complete line of potato farm equipment, without reserve!!

TRACTORS - CRAWLERS - LOADERS

Farmall "Super M.T.A." tractors, live hydraulic, p.t.o., 3 point hitch, etc.; 2 International No. 500 crawlers, 68" row-crop setting; Cat. 2 ton towmotor, P gas, with 3 stage lift, 360 degree turn head, completely overhauled, like brand new!! LP gas loader with potato bulk handling loader; Trojan front end loader; Barrett Hand pallet mover;

WAREHOUSE EQUIPMENT

Quantity of app. 2000 good 20 bu. pallet boxes and pallets; Haines bulk truck loader with 35 ft. boom; Haines No. 6 grader; 2 Haines bulk hoppers; Haines crusher; Haines 35 ft. flat belt conveyor on scissor; 2 Haines 12 ft. flat belt conveyors on scissors; Haines 40 ft. flat belt bulk trailer unloader; Haines 35 ft. bulk trailer unloader; Haines 15 ft. flat belt conveyor; Small package machine; Hotpoint french fryer; Howe over-bag scales; storage heaters; Diltz-Wetzel seed sifter; etc.

IMPLEMENTS

I.H. No. 25 potato planter, 2-row; 2 J.D. No. 30 level bed diggers; Haines 40 ft. bulk fertilizer loader with new belt; 2 14-ft. Haines bulk bodies; 2 McConnell 14 ft. bulk bodies; 2 Farmhand 2-row harvesters; 4 J.D. 10 ton heavy duty running gears on extra high flotation tires; 2 tool bars; I.H. cultivators; Woods 6 ft. rotary cutter; 2 Oliver 3 bottom plows; J.D. 12 ft. harrow; Ford 9 ft. 3 pt. drag Howard 4 ft. rotovator; I.H. 12 ft. double disc; 10 ft. double disc; 2 ARPS 3 pt. rear scraper blades; Bliss 3 pt. p.t.o. ditcher; Meyers 3 pt. 100 gal. sprayer; Ford 800 flat bed farm truck, 5 sp. trans., 2 sp. axle; 2 Ford "V-8" farm trucks with hoists; 1971 I.H. 3/4 ton pick-up- 12 ft. 3 pt. weeder; etc.

SHOP TOOLS

Lincoln 225 amp welder; Acetylene torch outfit; air comp., nearly new high pressure washer; quantity of lumber; Dayton 1 1/2 hp. motor; Rockwell table saw; plus a large amount of general shop items and tools of great value and importance.

Everything in excellent state of repair! All equipment well housed and has had regular maintenance! Plan for a sale of good machinery! Small shop items sell first, followed by implements, then warehouse equipment. Lunch available at sale site! Sale under cover if inclement weather. TERMS: Cash or good personal or company check with proper identification and credentials! Nothing to be removed until settled for! All settlements in full on day of sale.

Owned by:

LEE SCHULTHEIS

Arkport, New York 607-295-7483

Sale conducted by:

James and Victor Pirrung

Auctioneers and Sales Managers

Wayland, New York

716-728-2520

Watch for full listing of the STEBEN COUNTY FARM DISPERSAL

Coming Up
WEDNESDAY, JUNE 15, 1977

5:00 P.M. Sharp!

Just off Rte. 54 at BATH, NEW YORK.

Selling 70 sharp, interstate tested, Registered and Grade Holsteins! Sale includes 36 of the nicest milk cows sold this year, extra large, lots of dairy character, a real set of cows!! Also 35 open heifers! Full line of machinery: 2 s.u. wagons; Groves kicker wagon; N.H. 256 rake; I.H. No. 540 4-bottom semi-mt. plow; 200 gal. fiberglass sprayer; N.H. 512 spreader; I.H. 401 16-ft. drag; 36 ft. J.D. hay or grain elevator; 300 gal. bulk tank; Dairy kool vacuum pump w-3 hp. motor; 40 stanchions; feed carts; milker units; Jamesway gutter cleaner w-200 ft. chain; much more! Also, selling first, several pieces of furniture and misc. items including many antiques! See full listing for complete details and selling order. Don't miss this sale of local history!

Owned by the

STEBEN COUNTY DEPT. OF
SOCIAL SERVICES.

Sale Conducted by

James and Victor Pirrung

Wayland, N.Y.

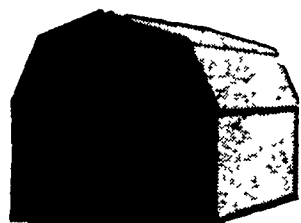
716-728-2520.

TRUCK CAPS

10
DIFFERENT
MODELS



Our Values Are Hard To Beat - Stop In And See.
As Low As \$255 to the Deluxe Special Priced at \$385



LITTLE RED BARN

- see ours before you
buy any other.

12 Different sizes -
All colors

Wood construction &
nailed - Not stapled.

Deliver FREE within 30 miles
Price is complete set on your property
OR INSTALL YOURSELF

•ALSO WAYNE OVERHEAD GARAGE DOORS

BLACK BEAR STRUCTURE

R.D. 2, Peach Bottom (Next to Black Bear Store)

(717)548-2937

20 Miles South of Lancaster on Route 272



GAP AUCTION

FRIDAY EVENING, JUNE 10, 1977

5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS
SOLD AT EVERY AUCTION.

Inspection Friday from 9:00 a.m. until sale time.

CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. TO 7:00 P.M.

OTHER DAYS BY APPOINTMENT
Call us for pick-up service.

No Consignment June 13

ANTIQUE SALE JUNE 17 and 18
See Listing Page 151

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE

OF REAL ESTATE,
MODERN HOUSEHOLD GOODS,
TOOLS & 1963 VW

THURSDAY EVE., JUNE 9, 1977

At 5:30

Located at 1027 West Clay Street, Lancaster, Pa. (west of Franklin & Marshall College between Race Ave. & State St.)

2 1/2 Story, 7 room & full bath brick semi-detached home. Lot size: 31' frontage by 145' depth more or less. Property open for inspection: Sat's. May 28 & June 4 from 10 till noon or phone 394-6340. Real Estate to be sold at 7:00. Philco 2 dr. refrig., Admiral color floor model TV, Philco TV, Magnavox stereo AM-FM w-tape player in early American cabinet, Whirlpool auto. washer & dryer, Lots of other lg. appliances. Oak, early American, chrome, uph., maple, & metal furniture. Misc. glassware, china, & household articles. Elec., hand & garden tools, 1969 VW Bug (semi-auto., in very good condition). Other misc. articles not listed. Food served.

Sale by,

MR. & MRS. DONALD P. BAKER

Eaby & Eaby Attys.

Howard Shaub Auctioneer

and Roy C. Probst

Patti Yarnall

(Continued from Page 147)

and an interest in the problems of dairy cattle. Milking-cows can be upset by strangers with boisterous or unsettling mannerisms and production can be effected temporarily. Consequently, a calm, quiet tester is greatly appreciated by the herdsman.

Patti Yarnall started working four years ago as a sampler for Dean Cheek with the understanding that it

would be a six months' trial arrangement only. Patti had recently returned from training at Waverly, W. Va. at the Meredith Manor School of Horsemanship. Being an avid woman, Patti wanted to find employment which would free her during the middle of the day to work with her horses and to attend shows.

In addition to working with the Manor Dairy 4-H Club,

Patti had participated in the Gum Tree (Horse) 4-H Club for five years and the Lancaster Pony Club for six years.

Mrs. Yarnall says of her older daughter, "She always liked animals, from the day she was born." Patti also belonged to the 4-H Veterinary Club for three years which met at New Bolton Center. For her work in the club, Patti was awarded a veterinary science award.

In addition to the dairy animals she now owns, Patti also has four horses under care. In 1974, Patti was one of five riders selected for the National Show from the North Eastern Region. This year the North-Eastern Rally will be held at Unionville and in 1978 the Rally will be at Andrews Bridge, just five miles west

of the Yarnall's farm on Route 896.

Patti's list of accomplishments directly related to the dairy industry are many including receiving the chapter farmer awards from the Oxford FFA, having the junior champion at the 4-H Brown Swiss round-up and third place Swiss at the All-American Show at Harrisburg, and being the winner of the Chester County Holstein Association dairy award.

First-hand experience on her parent's farm, where she lives with her two brothers, Dean and Bill, and younger sister, Nancy, training in FFA and 4-H clubs, and possessing a quiet nature has equipped Patti Yarnall for her task of taking milk samples and keeping accurate records.

READ LANCASTER FARMING FOR FULL MARKET REPORTS

OFFICIAL NOTICES OF CANADIAN LAND UNPAID TAX SALES

Sheriff's notices of land and properties (many with buildings) to be sold by PUBLIC AUCTION for UNPAID TAXES plus cost. CLEAR DEEDS, some as low as \$50.00 full price. Vacation property City & Town lots, houses, farms, many to choose from. Good investment opportunities. We LIST FULL DETAILS of property location, total amount owing for unpaid taxes and where to buy. . . . NEW SPRING 1977 EDITION now available, copies limited. . . . Send \$6.00 for your copy to Canadian Publications. P.O. Box 712, Belleville Ontario, Canada.

HAMMONDALE ACRES HOLSTEIN MILKING HERD and Springing Heifer

DISPERSAL

at the farm located 3 miles North of Chambersburg, Franklin Co., Pa., 1 mile south of Letterkenny Army Depot Gate 1, between Cheesetown and Salem Church, watch for signs on

~~~~~  
**WEDNESDAY, JUNE 8, 1977**  
~~~~~

Sale at 12:00 Noon

82 HEAD OF REGISTERED AND GRADE HOLSTEINS

Certified; Accredited; Herd consists of mostly first and second calf heifers, many are fresh, some close springers, other summer and fall cows and first calf springing heifers. Service age bull sired by Pawnee Farm Arlinda Chief and from dam with records to 25,303 M., 885 F. Jersey family cow.

Sires include Penstate Ivanhoe Star, Harrisburg Gay Ideal, Rocket, Charm Cross, Optimist, Glenafton Rag Apple Charnier, Veters - Farm Apollo, Metcalfe Telstar Citation - Red dtr., bred to Elevation; Oakleigh Electron Harmony, Ken-Mel Triune Marquis and others. Many bred animals carry A. B. C. or Sire Power service. For production type and good udders don't miss this sale.

Also selling 500 gal. steel tank, feed and water troughs, portable metal feed rack.

SALE MANAGERS NOTE - We have handled a number of sales for the Hammonds that included many fine animals but this herd surpasses anything yet. We invite your inspection. Herd is averaging 50 lbs. per day and includes many high producers.

Terms: Cash; Sale inside; Lunch at Sale.

Write for folder to Armour & Horst, Marion, Pa. 17235.

Ralph W. Horst and V. Art Kling, Auctioneers
Fred M. Naugle, Pedigrees
Gossert and Carty, Clerks

Owners

Gerald T., Mabel and Eddy Hammond,

Phone (717)263-4227,

Chambersburg, Pa. 17201

PUBLIC SALE OF OLD TRACTORS, OLD TRUCKS, GASOLINE ENGINES & OLD TOOLS SAT., JUNE 11, 1977 AT 12:00

Loc. in village of Slackwater, Lanc. Co., Pa. (1/4 mile south of Funk's Fruit Market, Millersville, Pa.) R.D. 1 Millersville, along road from Millersville to Conestoga. Tractors: 18-27 Oliver Hart Parr, 27-42 Minneapolis, C 8-16 I.H. & Fordson tractors. Trucks: 1922 Model T Ford (1 ton), 1927 International 5 ton w-Huber bailer mounted, 1941 International pickup & 1934 Reo w-Huber boiler mounted. 4 Hercules 1 1/2 HP gasoline engines, I.H.C. 1 1/2 HP & Fairbanks & Moore 2 H.P. gasoline engines. Schramm air compressor, w-belt drive, Schramm air compressor w-domestic gasoline engine drive, rd. back sleigh, buggy w-top, run about buggy, carriage makers sew. mach., Blacksmith Tools; 2 forgers, 2 anvils, hardy tools, 30 pr. tongs, etc. Post drill press, 40" band saw, 20" planer, 24" jointer, steam & air jack hammer, steam tripod drill, power hammer, hand saws, rip saw, wooden molding planes, hand wrenches other hand tools. 6 HP motor, Lowell platform scales, corn sheller, Mountville wheelbarrow, stone burr chopper, grindstone, log chains, 2 sm. potbellied stoves, harness, lanterns, old car & truck lights & lamps, old license plates, (1911 thru 1970), wagon tire, wagon tire roller & skinner, old American Thresherman & Gas Review mag Scrap iron, many other articles not listed. Food served.

Sale by
HARRY H. HOAK

Howard Shaub Auctioneer
and Roy C. Probst

PUBLIC SALE

OF 54 ACRE FARM

to be held

SATURDAY, JUNE 11, 1977

at 2 P.M.

Located 13 miles South of Lancaster on Rt. 272 between Rawlinsville & Mt. Nebo, 2 miles South of Rawlinsville along the Martic Heights Rd., near the Martic Twp. Elementary School; Martic Twp., Lancaster Co., Pa.

54 ACRES

more or less, with approximately 35 acres under cultivation and the remainder in woodland, etc. A few buildings are on this track of land, but are in much need of repair. Approximately 1400 ft. of nice wooded road frontage along Martic Heights Road. 3 good wells of water on farm - 1 artesian well. Land has good drainage.

Auctioneer's Note - If looking for land without buildings could be ideal for development with good wooded road frontage or ideal for a poultry farm or hog farm. Road Frontage - Residential, Rear part, Agricultural.

Persons wishing to view this farm may do so Saturday, May 28 & June 4 between 12 - 3 P.M. or other times by calling 684-8915 for an appointment.

Terms: 10 per cent down. Balance in 60 days.

Sale by:

ROBERT J. CREASY,

Administrator for the
JOHN CREASY ESTATE

Shertzer & Gray, Attorneys
Rufus Geib, Auctioneer
665-4136
Manheim RD2

PUBLIC AUCTION

**TRUCKS, TRACTOR, FORKLIFT,
SHOP EQUIP., FARM SUPPLIES
WEDNESDAY, JUNE 8, 1977**

6-10:30 P.M.

At former Shollenberger Farm Supply Centerport, Berks Co., Pa.

NOTE: Will be selling all shop equip. and inventory of new merchandise from farm & supply store on Wed. evenings through June. Watch for future ads. This first sale include:

1965 Int. D180 truck tractor w/30' tilt bed trailer; Int. L170 18' stake body truck w/molasses pump; 1953 Int. L130 10' stake body truck; 1947 Int. pickup; (2) 1953 Ford 2 dr. hardtops; NH tank manure spreader; 24' NH PTO bale elev.; Tow. payloader; Forklift; Papec forage harvester w/engine; 4 new Mayrath augers; 200 gal. poly tank crane; Oliver 60 row crop tractor; dynamometer Lincoln 180 amp. welder; oxy-acetylene hydraulic press; commercial upright air comp. hp. motor; new Everclean parts washer; bench drill press; IH hydraulic tester; comp. gauges; charger; Anvil; bench grinder; lg. pipe thr. cutter; tire changer stand; platform scale; blade sharpener; wheel wts.; valve grinder; chain block; block & tackles; bench vise; bolt log chains; step ladders; oil tanks; sprayer elec. motors; new wire fencing; alu. cattle gate Saturex +5 soil conditioner; new poultry equip. new asstd. bolts & nuts all sizes; plus many items farm store inventory too numerous to mention.

Terms: Cash or check, sale day.

Refreshments served.

Sale ordered by
KENNETH WEIS
Owner.

Sale conducted by
Ralph W. Zettlemoyer Auction Co.
Tele. (215) 285-4616

PUBLIC SALE

OF PERSONAL PROPERTY

FRIDAY EVENING, JUNE 10, 1977

At 4:00 P.M.

Located along Ridge Road between D and Black Horse. Take 6th Street leading Denver.

BLACK ANGUS HEIFER, approximately 500 lbs. 1968 Dodge Charger, needs repairs; Estate stove; Frigidaire auto washer & dryer, 4 years piece Waterfall bedroom suite, box spring & mattress; recliner with ottoman; occasional chairs; Durac oil space heater; 3 piece bedroom suite, like queen size with box spring & mattress; quilted bedding; 4 piece sectional sofa; dining room table four chairs; hutch with walnut finish; wash matching chests of drawers; small chest of drawers end tables & coffee table; smoking stand; map book shelf; hassock; oval night stand; utility round table with one board; Singer portable machine with attachments; arm chair; 2 pole stand lights; bathroom rack; single maple bed spring & mattress; child's roll top desk.

G.E. 6,000 BTU 110 VOLT AIR CONDITIONER dehumidifier; kneehole desk; card table; coffee table.

GLASSWARE

Green glass pitcher and 7 tumblers; punch cups; kerosene light; ceramic pitchers; salt & shakers; 2 sets satin glass pitcher & tumbler mirror; pattern press glass; Avon bottles; platters; complete set Wyndham china, service old bottles; flasks; crockery bottle; small bank; pie pans; odd dishes & china; 5 gal. cro. wooden handles; iron kettle; glider; Teflon fryer; 1 clam steamer; elec. rotisserie; waffle sherbets, all colors; waffle iron; Tupperware set; barbeque grill; bar set; throw rugs, new; lawn chairs; games; lawn rakes; hand saw; locker; pedigree Keeshond, about 1 1/2 yrs. Christmas dec.; large white plastic Xmas green artificial Xmas tree; 7 panels white sheer curtains; alum. siding; jig; self propelled new, snow blower; rototiller; reel type lawn Clinton engine; 10' tilting Rockwell saw, lot of hand mower; roll of yard fence wire, dog box; stepladder.

Terms by,

LEROY AND MARIAN WEIS

Lester O. Weaver and
Barry D. Wanger, Auctioneers

Not Responsible for Accidents

Sale reports

PUBLIC AUCTION

COMPLETE SELLOUT OF HEATING,
AIR CONDITIONING AND PLUMBING DIVISION
OF GOODING, SIMPSON & MACKES, INC.
SATURDAY, JUNE 11, 1977

9:00 A.M.

Location: 6 miles south of Exit 21 Pa. Turn
left along Route 272, 1 mile south of 322-272
intersection along Route 272. Address: 345
South Reading Road, Ephrata, Pa.

PLUMBING AND AIR CONDITIONING TOOLS
Rigid No. 40 vise stand; Rigid No. 300 power head;
Rigid No. 65R 1" x 2" die; 3 Rigid reamers; 4 Rigid pipe
cutters; 2 Rigid offset wrenches; Armstrong 60" chain
wrench; thin wall & copper benders 1/2 thru 1"; Prest-
o-Lite welding unit; Prest-o-Lite soldering tanks;
vacuum pumps and gauges; Refrigerant oil pump;
leak detector; acid test kit; test cord; ohm meter; 3
1/2 refrigeration test gauges; torque wrench; cap.
check pump to 5000#; capacitor tester Penn scale
4; KGM nitrogen regulator set; Stanley 6' level.

EQUIPMENT

4 Semi trailers, tandem axel, van type; 2 with of-
fices, all four are inspected and useable.

FURNACE AND OIL BURNER FIXTURES

15 Motors; 29 oil burner pumps & controls; 2 oil
burners; 657 air filters; 200 belts; 1208 warm air fit-
tings and duct; 437 ft. fiberglass pipe insulation 1/2"
thru 6"; 1174 ft. round Rigid insulated duct 5" thru 18";
15 ft. round flexible insulated duct type MKA; 100 ft.
round Sono-Aire underground duct; 13 large
register dampers; 5 275 gallon oil tank gauges; 6 power
modifiers; 2 electric duct heaters; 2 gas burners;
steam coil; 2 electronic air cleaner wash tubs; 120
modifier parts; 5 1 1/2" circulating pumps with
motors; 37 shafts and bearings; 27 oil filters; 127 misc.
baseboard parts; 275 gal. oil tank with pump.

AIR CONDITIONING EQUIPMENT

Climatrol 20,100 BTU condenser; Climatrol 48,000
TU A coil; Climatrol 18,000 BTU cool & 34,000 BTU
cool air handler; Climatrol 36,000 BTU cool air han-
dler; Climatrol 7,000 BTU cool & 10,200 BTU electric
cool, through the wall unit less wall sleeve; Climatrol
10,000 BTU cooling through the wall unit, less wall
sleeve; York 36,000 BTU air handler.

AIR CONDITIONING PARTS

40 Motors; 2 condensate pumps; 31 sets pre-charged
refrigerant tubing; 84 lbs. assorted refrigerants; 14
is adapter kits for field piping; 200 thermostats, sub-
base & lock boxes; 19 blower wheels and fan blades; 44
blower wheels; 1218 ft. Armstrong Armaflex
refrigerant pipe covering 5/8" thru 1 3/8"; 7 air con-
ditioning covers; 69 safety & disconnect switches 15
to 60 amp.; 12 crankcase heaters; 14 start kits; 50
misc. parts for gas fired heating & elect. cooling units;
transformers; 7 capacitors; 21 limit controls; 82
days; 62 contactors; 150 misc. switches & controls;
Honeywell service kit; 40 Honeywell misc. parts; 13
other traps; Misc. backdraft dampers.

ELECTRICAL

78 ft. thin wall 3/4" thru 2"; 208 ft. Rigid conduit 1/2"
thru 2"; 27 junction boxes; 475 thin wall clamps; 257
high-in boxes, cover plates, lock nuts & chase nip-
ples; 16 boxes wire nuts; 275 fuses & fustrons 1 to 100
amp.; 1196 EMT & thin wall fittings; 12,593 ft. assorted
wire; 2,856 ft. thermostat wire 18-2 thru 18-8.

PIPE AND FITTINGS

537 ft. refrigeration soft copper 3/16" OD to 1 5/8"
OD; Copper water tubing type L & K 3/8" to 1"; 370
heavy duty 352 ft. hard copper type LK & DWV 7/8"
thru 4"; 725 ft. flair fittings; 600 Wrat copper fittings
1/2" to 1 5/8"; 580 cast brass fittings 3/8" to 1 1/2"; 280
black steel pipe 3/8" to 3"; 627 ft. gal. pipe 1/2" to 4";
10 black steel fittings 1/4" to 4"; 500 gal. pipe fittings
1/2" to 4"; 260 ft. P.V.C. plastic pipe 3/4" to 2"; 190 ft.
P.V.C. plastic pipe 1/2"; 435 P.V.C. fittings; 168 A.B.S.
fittings; 50 assorted weld fittings; 78 soil pipe fittings;
plumbing fitting; 230 misc. plumbing repair parts;
residential cutter and downspouts - aluminum &
steel; misc. small lots shingles.

Sale by,

GOODING, SIMPSON & MACKES, INC.

345 South Reading Rd. Ephrata, Pa. 717-733-1241

ACTION CONDUCTED BY:

John E. & Paul E. Martin, Auctioneers
717-733-3511 — 717-733-3305

NOTE: Gooding, Simpson & Mackes is not going out
business. This Auction is a result of the phasing out
of the Heating and Air Conditioning Division. Gooding,
Simpson & Mackes, Inc. looks forward to serving you
the roofing, sheet metal and industrial metal
business; inspection of items Friday Eve., 7:00 P.M. to
9:00 P.M. and Saturday before sale, starting under

FOOD AT SALE



A Public Antique Auction
was held May 30 & 31 by the
Walter Krall Estate, 2 1/2
miles south of Myerstown,
Lebanon Co., Pa. It was a

fabulous sale with dealers
attending from all over the
country.

Some outstanding items
included: Grandfathers
clock (Thomas Wilborn)
\$4550, small Show Towel
\$1600, 3 Bee Hive baskets,
\$180, \$190, & \$200, Pa. Dutch

CONSIGNMENT SALE

WEDNESDAY, JUNE 15, 1977

At 9:30 A.M.

Location: 1/2 mile North of Route 23 on North
Maple Ave. in Leola, Lancaster Co., Pa. Watch for
sale sign.

Tractors, Farm Machinery, Horse Drawn
Implements, New Tools & Hardware. Positively no
Household Goods.

We sell on Commission.

Hay & Straw Sale Every Wednesday.
at 12:00 Noon by Harvey Z. Martin.

Sale by,

David H. Good

717-656-8911

Auctioneers - F. Snyder, R. Martin,
C. Wolgemuth, J. Fry, L. Horst

NOT RESPONSIBLE FOR ACCIDENTS.

Next Sale Wednesday, July 6, 1977

PUBLIC SALE

FARM MACHINERY LIVESTOCK
ANTIQUES

SATURDAY JUNE 11, 1977

9:30 A.M.

To be held on the premises at route 1
Fredericksburg, Bethel Twp., Lebanon County.
Turn south off route 22 at Esthers Diner east of
Fredericksburg onto Blue Mountain Road and
then left onto Chestnut Hill Road and continue
to first lane to right.

FORD 960 3 pt. gas tractor with power steering.

MF 165 Diesel with 3 pt., wide front, power steering
and Kelly Loader New Holland 467 mower conditioner;
John Deere 350 side rake; New Holland 38 PTO baler;
McCurdy bin wagon; 3 pt. cultivator; John Deere 3 pt.
2 row corn planter; flat bed wagon; Mayrath elevator
with grain head; Danuser post hole digger; Cobey 2
beater manure spreader; dual wheel PTO dump
trailer; 200 gal. Hardy PTO orchard sprayer; Ford 3
pt. 7' mower; Ford 2 bottom 3 pt. plow; Wisconsin 4 cyl.
engine with clutch (not running); 4' x 20' grain auger;
cultipacker; spring tooth harrow; 3 pt. rear blade; and
tractor mtd. Broadcaster;

3 Charlois and Semmental cross cows with calves at
side and 3 Charolais and Semmental steers appx. 600 to
800 pounds.

2 horse bob sled; 2 horse block sled; 1928 Chevy
chassis; pony cart; asst. of leather and harness; iron
trough; rubber tire wheelbarrow; appx. 5 ton mixed
hay; appx. 50 wooden posts; barn doors; asst. of
lumber; mineral feeder; wooden express wagon; fence
controller; No. 80 Wiard plow; 42" window fan; grain
cleaner; straw bench; small shop items and lots of
other misc. farm related items.

Oak sideboard; schooldesks; Suggles pulley driven
butter churn; wooden wash machine; snitzlebung; rail
clamp; draw knives; wooden pulleys; crocks; beam
scale; marble top scale; Berry broad ax; horse
cultivator; potato plow; metal implement seats; ox
yoke; wooden bucket; milk bottles (some local);
animal traps; shoe last; berry boxes; fruit boxes;
large asst. of books; 8 qt. ice cream freezer; oak
dresser; 8 pc. high leg dining room suite; and 2 yr. old
Franklin type stove.

3 - 10' roller conveyors; extension ladder; step ladders
and fruit picking ladders; hog feeder; lots of scrap
iron; wagon wheels; single trees; horse collars with
mirrors; wooden adv. boxes and barrel; milk can;
axes and adz; hay and grain forks; buck saws; old
benches; ice chest; hay knife; Lionel 2065 train and
accessories and many other items too numerous to be
mentioned.

Small barn and wagon items first, machinery and
cattle at 2:00
Farm sold - everything goes!

Conditions by:

LOYD WENGER

Harry H. Bachman - Auctioneer

Lunch by Mt. Zion Road Church of the Brethren.

Lancaster Farming, Saturday, June 4, 1977—157

Cupboard \$2525, Corner
Cupboard \$850, small wash
stand \$210, wagon seat \$95,
1894 Public Sale Bill \$42.50,
Wallpaper Hat Box \$210, 3.
in. wallpaper Box \$200, Auto
Pamphlets-Reo, Empire,
Liberty \$15 to \$19 ea., Quilts
\$180, \$250, & \$430, Peacock
Duster \$31, Homespun Linen
17 yd. \$75, Washington Flask
\$125, Rope Bed \$540,
Bentwood Clothes Tree \$220,
Gaudy Dutch cup & saucer
\$370, Homespun Comforter
Cover \$750, 2 in. headed felt
Peacock \$145, 1831 Benj.
Kiehl Coverlet \$950, 1851
Emanuel Miley Coverlet
\$310, 2 Cutter Sleighs \$530 &
\$600, and Half Spindle Chairs
\$120 each. Plus a small
carriage robe for \$500.

Auctioneers were Weik &
Buddenmeyer.

xxx

A Public Sale of farm
machinery was held May 28
by Mr. & Mrs. George Bair, 1
mile west of Sunbury,
York Co., Pa.

Prices received were:
Ford 6000 D tractor \$1900, 5
Bottom Plow \$300, J.D.
Haybin \$385, J.D. Baler \$390,
J.D. Elevator \$200, Papec
Crop Chopper \$250, and Ear
Corn \$40 per ton.

Robert L. Sechrist was the
auctioneer.

xxx

A Public Auction of farm
equipment was held May 30
by Mr. and Mrs. Justin
Smith, 1 mile east of
Millville, Columbia Co., Pa.
before a large crowd.

Some prices were: Oliver
88 tractor \$1800, 2 Oliver 70
tractors \$400 ea., Cornhead
\$350, Chopper & Wagon \$500
each and A.C. 303 Baler \$575.

Eugene A. & Gele L. Derr
were the auctioneers.

xxx

HUNTER'S SALE BARN,
INC. held their weekly sale
May 30 at Rising Sun,
Maryland.

HEIFERS: Feeders-High
Choice and Prime 33.00-

[Continued on Page 158]

PUBLIC SALE

CONSTRUCTION EQUIP., SHOP TOOLS DUMP
TRUCKS & MISC. ITEMS OF:

CLETUS INNERST ESTATE
THURS. JUNE 9, 1977

9:30 A.M.

Located: 29 N. Main St., Jacobus, Penna. (York
Co.) Use Exit 3, off Interstate 83. Watch for signs

CONSTRUCTION EQUIP.

Hough Payloader HO 4w-drive, rebuilt Cummings
Engine Ser. No. 23F1381, Hough Model H70 Payloader
4w-drive, ser. No. 21AC1068 D 5, Cummings Diesel;
John Deere 570 Grader Ser. No. 620U, like new; Huber
Model M500 Maintainer w-center mount blade, and
front blade, Ser. No. CM 2904; Huber Warco Roller 3-5
Ton; John Deere 310B Backhoe & Loader w-cab, type
94 backhoe Ser. No. 1246821; Int. 175 Power Shift
Loader Series B, w-4 in 1 Bucket, Scar Fire, under
carriage 75 per cent Ser. No. BP 10789 (L175); Sweeper
Broom, (Brand new);

TRUCKS

1970 Dia Reo Dump truck 10,000
mi. Saddle tank, snow plow mount, alum. bed, like
new; 1966 Diamond T Dump Truck, w-snow mounting
34,000 lbs.; 1960 F 600 Ford w-dump body; 1955 F 900
Ford w-dump body Lime spreader; Walter Sno fighter
4 w-drive w-mounting, dump body; 1972 Ford 100 Pick
up, 24,000 mi.; 1964 Chev. El Camino pick up; 5 Angle
snow plows w-lifts & mounts; 3 V Snow plows;
Fruehauf Tilt top Trailer, 15 ton 2 axel w-air brakes.

SHOP EQUIP & ACCESSORIES

Mohawk steam Jenny, Modern Steam Jenny, 1000 gal.
tank, Gas pump, 275 gal. tank w-pump Hyd. jack
hammer, Portable Pump, Barrell Pump, Portable
Cyclone Heater, Drop Cords, Bench Grinder, Truck
Tow Bar, Chain Saw, Wood & Metal desk, Office
chairs, Fire Hose, Suction Hose, Air King 2 cyl Sho Air
Compressor w-3 HP Motor, like new; Bench Vices, Log
chains, Chain binders, Truck Chains, Grease Guns,
Wrenches, Socket Sets, Air Hose, Anvil, Chain Hoist, C
Clamps, Digging Irons, Picks, Shovels, Sledge
Hammer, Wheelbarrow, Grab Hooks, Telephone
Poles, Portable Lincoln Air Grease Gun, Metal Work
benches & tables, Rockwell bench drill press,
Strongarm 5 1/2 Ton floor jack, Lot of nuts & bolts, Hot
Tar Pot on wheels, Fork lift attachments, Straight
blades, Lot scrap iron, Lot of pipe, Brush Rake, Rear
Dump stone spreader, ShopCrane, Asphalt Spreader
Box, Dolly wheel trailer, Pressure Hose, Model DJ 700
Air Jack

AUCTIONEER NOTE:

All items will be sold to the highest bidder. These
items are all in very good to new condition, if in the
need for Construction Equipment, don't miss this Sale,
everything was well maintained.

TERMS: Cash, Certified or Cashiers check

Out of state buyers must have letter of credit, if use
Company check

Executor: York Bank & Trust Co.

W. Market St.,
York, Penna.

RENTZEL'S AUCTION SERVICE

Emigsville, Pa.
Ph. 717-764-6412

Public Sales Register

JUNE

SAT. JUNE 4, 10:00 AM. Public sale of farm equipment and parts. Located 4-1/2 miles south of Dillsburg, Pa. along Route No. 15. Verna and William Strayer, owners. George Haar, Auctioneer.

SAT. JUNE 4, 9:00 AM - Public sale of household items and antiques. at 14 South Park Street, Richland, Lebanon County, Pa. Ella Reed, owner. John Breidegam and Ben Habacker, Auctioneers.

SAT. JUNE 4 - Public Sale of Antiques. To be held at 14 South Park St., Richland, Lebanon Co., Pa. Sale by Ella Reed. John Breidegam & Ben Habacker, Aucts.

SAT. JUNE 4, 10:00 AM. Public sale of antiques, household goods. Located at

Solanco Community Building, Quarryville, Pa. Sale by Emma Drum. Lloyd H. Kreider and Randal V. Kline, Auctioneers.

SAT. JUNE 4, 10:00 AM. Public sale of real estate, farm implements, antiques, household goods. Located on Main Street in Cross Roads Boro, along the road to Brogueville in York County, Pa. Mr. and Mrs. William Lanius, owners. Robert L. Sechrist, Auctioneer.

SAT. JUNE 4, 10 AM. - Public Auction at Red Lion Grange Hall located along Cape Horn Road, 2 miles North of Red Lion. Sale sponsored by the Red Lion Grange.

SAT. JUNE 4, 9:00 AM DST. Public sale, many early and rare antiques, furniture,

dishes, etc. McSherrystown Fire Hall, located on Route 116 midway between Gettysburg and Hanover, Pa. Thomas Hess, owner. Clair R. Slaybaugh, Auctioneer 717-677-7479.

SATURDAY, JUNE 4, 1977 at 10 a.m. Public Sale of Antiques and Household Goods. At Solanco Community Bldg., Quarryville, Pa. Sale by Emma Drum. Power of Attorney, Edward L. Brown. Aucts., Lloyd Kreider & Randal Kline.

SAT. JUNE 4, 10:30 AM - Public benefit auction for St. Simon Jude church in Westtown, Pa., at junction Rt. 3 & 352, 5 mi. west of West Chester, Pa. All kinds of furniture, glass, antiques & many other items too small to mention. Steve Petersheim, auctioneer. Phone 215-869-2508.

SAT. JUNE 4 - 6:30 P.M. Special Horse Sale at the Danville Livestock Market, located old R. 11, Danville, Pa. Bob Biel, Manager.

SAT. JUNE 4, 2:00 PM. Pennsylvania's 1st Performance Tested Ram Sale. At the Pennsylvania Meat Animal Evaluation Center, University Park, Pa. Sponsored by Pa. Dept. of Agriculture.

SAT. JUNE 4, 10:00 AM. Public sale of valuable real estate, 155 acre farm, household goods and antiques. Located 6 miles north of Womelsdorf, 4 miles southwest of Bernville, 1/4 mile west of the Bernville-Womelsdorf Road along road to Host Church near the Behney Fabrication Welding Center, Jefferson Township, Berks County. Anna M. Degler, owner. Paul E. Bixler and Gerald G. Kramer, Auctioneers.

SAT. JUNE 4, 10:30 AM. Public auction of household furniture, antiques, old tools and collectibles. On the farm premises located at 1916 Grafton Shop Road, 1/2 mile south of Md. Route 23 between Forest Hill and Jarrettsville and 4 miles northwest of Bel Air via Md. Route 24, Harford County, Md. Joyce F. Weaver, owner. John H. O'Neill, Auctioneer.

SAT. JUNE 4, 10:00 AM. Public auction of livestock, machinery and personal property. At Ivy Hill Farm just off old Route 1 or 131 Lincoln Hayesville Road, 3 miles east of Oxford, Pa. Lower Oxford Township, Chester County. B. H. Vines, owner. Whiteside Auction Service 215-932-2291, Harry W. Whiteside, Auctioneer.

SAT. JUNE 4, 10:00 AM Public sale farm machinery, tools, hay and straw, mechanical and wood working equipment and tools, butchering equipment, antiques and collectibles. Located approx. 1 mile off Route 25 between Millerstown and Berrysburg, Mifflin Twp., Dauphin County. Turn north at Upper Dauphin Animal Hospital and follow sale signs. Mrs. Erma Weaver, owner.

Deiblers and Chubb, Auctioneers.

TUES. JUNE 7 - 1 P.M. Special Graded Feeder Pig Sale at the Lancaster Stockyards, Inc., Lancaster, Penna.

WED. JUNE 8, 12 Noon - Hammondale Acres Holstein sale located three miles north of Chambersburg, Pa. Ralph Horst and Art Kling, Auctioneers.

WED. JUNE 8, 8-10:30 PM. at former Shollenberger Farm Supply in Centerport, Berks County, Pa. Public Auction of trucks, tractor, forklift, shop equipment, farm supplies. Sale ordered by Kenneth Weist, owner. Sale conducted by Ralph W. Zettlemoyer Auction Company.

WED. JUNE 8, 12 Noon. Hammondale Acres Holstein Milking Herd and springing heifer dispersal sale. At the farm located 3 miles north of Chambersburg, Franklin Co., Pa. 1 mile south of Letterkenny Army Depot Gate 1, between Cheesetown and Salem Church. Gerald T. Mabel and Eddy Hammond, owners. Ralph W. Horst, Auctioneer.

THURS. JUNE 9, 5:30 PM. Public sale of real estate, modern household goods, tools and 1969 VW. Located at 1027 West Clay Street, Lancaster, Pa. west of Franklin and Marshall College between Race Avenue and State Street.

THURS. JUNE 9, 9:30 AM. Public sale of construction equipment, shop tools, dump trucks and miscellaneous items of Cletus Innerst Estate. Located at 29 North Main Street, Jacobus, Pa. (York County). Use Exit 3 off Interstate 83. Rentzel's Auction Service.

FRI. JUNE 10, 7:30 PM. Brendlinger Milking Herd and Bred Heifer Dispersal on Route 49 between Gold and Coudersport, Pa. (Potter Co.) 58 mature, mostly Reg. DHIA transfers, preg. check, interstate, charts. Owners Mr. & Mrs. Lawrence A. Brendlinger 814-848-9814. Sale conducted by Gerald Pirrung, Ulysses, Pa. 814-848-7421. Robert M. Shaylor Sales, Troy, Pa. 717-297-3278.

FRI. JUNE 10 - 12 Noon Stocker and Feeder Sale at the Lancaster Stockyards, Lancaster, Penna.

FRI. JUNE 10, 4:00 PM. Public sale of personal property. Located along Ridge Road between Denver and Black Horse. Take sixth street leading out of Denver. Leroy and Marian Wenrich, owners. Lester O. Weaver and Barry D. Wanger, Auctioneers.

SAT. JUNE 11-12:30 P.M. Public Sale of Lawn and Garden Equipment, Cycles and Cycle Trailers, by Lawn Care of Penna., located in Martindale, Pa. Randal Kline, Auctioneer.

SAT. JUNE 11, 1:00 P.M. Public sale of real estate and household items. Perry County midway between

Mecks corner and Dromgolds corner on Route 34. Hope Hall Estate. Richard Foreman, Auctioneer 789-4359.

SAT. JUNE 11-2 P.M. Public Sale of 54 Acre Farm located 13 miles South of Lancaster on Rt. 272 between Rawlinsville and Mt. Nebo, 2 miles South of Rawlinsville along the Martic Heights Rd., near the Martic Twp. Elementary School; Martic Twp., Lancaster Co., Pa. Sale by Robert J. Creasy, Administrator for the John Creasy Estate. Rufus Geib, Auctioneer.

SAT. JUNE 11, 1:30 PM. Public sale of real estate. In the Court of Common Pleas of Northumberland County, Pa. Civil Action-Equity, No. 1170 in Partition, Goldie M. Rosene, Plaintiff vs. Anna Dornis, Defendant. Lee D. Dockey, Auctioneer-Estate Liquidator-Appraiser.

SAT. JUNE 11 - 9 AM Public Auction, Complete Sellout of Heating, Air Conditioning and Plumbing Division of Gooding, Simpson and Mackes, Inc. located 6 miles South of Exit 21, Pa. Turnpike along Route 272, 1 mile South of 322-272 Intersection along Route 272. Address: 345 South Reading Road, Ephrata, Pa. Sale by Gooding, Simpson & Mackes, Inc. John E. and Paul E. Martin, Auctioneers.

SAT. JUNE 11, 10:00 AM. Public sale of household goods and antiques. Located along Manheim, Mt. Joy Road, just outside of Mt. Joy in the village of Stauffertown. Sale by Mrs. Anne Fishburn. C. H. Wolgemuth and H. Shaffner, Auctioneers.

SAT. JUNE 11, 2:00 PM. Public sale of Real Estate at 14 South 18th Street, Harrisburg, Pa. George Stone, Jr. John Kilmer, & George Stone, Jr., Auctioneers.

SAT. JUNE 11, 10:00 AM. Complete Dispersal. At the warehouse located on Arkport Muck, 1 mile off Route 36 at the village of Arkport, 5 miles north of Hornell, 15 miles south of Dansville, 22 miles west of Bath, 65 miles south of Rochester. Landing strip for private craft at Hornell Municipal Airport, 3 miles from sale site. Tractors, crawlers, loaders, warehouse equipment, implements, shop tools. Lee Schultheis Potato Farms. Sale conducted by James and Victor Pirrung.

SAT. JUNE 11, 1:00 PM. 500 head of feeder pigs, 3 way cross. Farms located one mile north of Goodville, East Earl Township, Lancaster County, Pa. Sale No. 1 by Ivan Sensenig. Sale No. 2 by John J. Zeisel at 2:00 PM, 350 head of feeder pigs. Elton and Alvin Horning, Auctioneers.

WED. JUNE 15, 5:00 PM. Steuben County Farm Dispersal. Just off Route 54 at Bath, New York. Cows, registered and grade Holsteins, farm machinery, furniture and misc items including antiques. James and Victor Pirrung.

FRI. JUNE 17 - 8 P.M. Nite Cow Sale at the Black & White Holstein Farm, Lancaster, Pa. across from

the Comet Drive-in or 1/4 mile West of breed unit. Charles C. Myers, owner; Scott Adams, Auctioneer, H. Kettering, Pedigrees; Myers, Sales Manager

FRI. JUNE 17 - 12 Noon Stocker and Feeder Sale at the Lancaster Stockyards, Lancaster, Pa. Lancaster, Pa.

FRI. JUNE 17 - 8 P.M. Cow Sale at the Black & White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in or 1/4 mile West of breed unit. Charles C. Myers, owner; Abe Dittenbarger, Auctioneer; Henry Kettering, Pedigrees; Myers, Sales Manager

FRI. JUNE 17 and JUNE 18-10 A.M. on and continues on Sat. at 10 A.M. Outstanding Two Auction of Fine Glass Lamps, China and Mahogany Top Tables to be held at Auction House in Gap, From Lancaster to Route 30 east approx. miles to Route 41, take south past town clock watch for signs. Sale by Stuart H. Grimm, Executor for Stewart Grimm Estate; Ira Stolt and Son and Jay L. Auctioneers.

SAT. JUNE 18. Auction for Bainbridge Company. Items sold consignment. Donated accepted. John Kilmer, George Stone, Auctioneers.

SAT. JUNE 18, 9:30 Public Auction of Valuable Antiques and Household Goods located 1 mile off Route 501 on Oregon Road, Route 722, Neffsville, Pa. Sale by Simon E. Landis, Elizabeth H. Landis, conducted by J. O. Landis Auction Service, Omar Landis and Jay Witman, Auctioneers.

TUES. JUNE 21 - 5:30 Public Auction discontinued, damaged, obsolete lumber, building materials, plumbing, heating, electrical, miscellaneous items located at the Wickes Store Property, 1 1/4 mile North of Ephrata on Rt. 272. T. Horst, Auctioneer.

TUES. JUNE 21 - 1 P.M. Special Graded Feeder Sale at the Lancaster Stockyards, Inc., Lancaster, Penna.

WED. JUNE 22, 5:00 Clearance public sale of materials in the Dragon auction room rear of the flea market building, North State Street, Ephrata, Pa. Terms by Kit Company. H. B. Auction Service.

WED. JUNE 22, 11 Aukema-crest Dispersal, Sussex, New Jersey settle the estate of Aukema. 200 head of registered and grade cows. Manager and Auctioneer William Kent, Inc., New York and Hanover Sales and Service, New York.

THURS. JUNE 23, 12 Noon Golden-Glen Holstein Registered 59 head of dispersal. 59 head of Holsteins. DHIA registered, classified, certified

Sale reports

[Continued from Page 157]

36.00; Good to Choice 29.00-30.50; Other 22.00-27.00.

FEEDER STEERS: Good to Choice 37.00-39.00; Standard to Good 32.00-36.00.

BULLS: 1000 lb. 35.00

COWS: High Choice to Prime 29.50-30.75; Good to Standard 28.25-29.00; Utility 26.75-27.50; Cutters 23.50-25.00; Canners 22.00-23.75.

CALVES: Prime 180-280 lb. 62.00-68.00; High to Choice 140-180 lb. 58.00-62.00; Good to Choice 120-130 lb. 49.00-57.00; Standard to Good 110-115 lb. 39.00-47.00; Utility 95-100 lb. 38.00-47.00; Low Utility 60-90 lb. 25.00-38.00.

HOGS: 100-150 lb. 32.00-39.00; 200-240 lb. 38.00-42.00. FEEDER PIGS: \$20 to \$24 by hd.

BOARS: .26 cents per lb. GOATS: Nanny \$30 to \$40 by hd; Kids \$29 by hd.; Billy \$25 by hd. Sale Mrg. & Auctioneer, Norman E. Hunter, Pres.

A Public Sale of real estate and antique items was held May 28 by the executors of Amos D. Zook Estate, 186 and 188 W. Main St., Leola, Lanc. Co., Pa.

The three apartment house was sold for \$55,600 to James E. B. Zeger, Leola.

Other items sold included: Quilts \$520 & \$370, small brass inkwell \$175, blanket chest \$102.50, miniature Conestoga wagon & 4 horses \$115, Coverlet \$115, silver dollars \$5.50 to \$18 each, hand-carved wooden plate \$100, high chair \$55, pump through \$46, tin lunch box \$20.50 and butter mold \$25.

Robert E. Martin and Frank L. Steller were the auctioneers.

A Public Sale of real estate and antiques was held May 28 by Charles W. and Alice Rynier in Paradise, Lancaster Co., Pa.

The 1/2 of a frame dwelling was sold for \$6200.

Other items sold were: wood box \$120, cane seat chairs \$25 each, jelly cupboard \$100, brass bed \$250, rocking chair \$55, desk \$75, round oak table \$275,

Miller organ \$220, shelf clock \$205, old doll \$41 and cast iron elephant bank \$390.

Auctioneers were Leroy Zook and Leon Kurtz.

xxx

A Public Sale of new furniture, trucks and carpeting was held May 28 by Allen W. Martin, Carl A. Martin and Leonard H. Martin, 606 Evergreen Rd., Iona, Lebanon Co., Pa. There were 260 registered buyers attending.

Prices received were: 1966 Int. 4000 truck \$2400, Thomas Skidsteer Loader \$1800, Kubota 4 wheel drive tractor \$3100, 1967 GMC 4x6 with Dump \$2000, Living room suites \$275 to \$520, Hutches \$350 to \$525, Table & chairs \$150 to \$500, Bunk beds \$240 per set and Carpeting \$2 to \$6 per sq. yd.

John E. and Paul E. Martin were the auctioneers.

xxx

A Public Sale of real estate and household goods was held by Evan T. Atkins and J. Kerr Anderson, Executors of Festus V. Greene Estate on May 26 in the village of Sunnyburn, York Co., Pa.

The 1/2 acre property included a 1 1/2 story frame dwelling with large 2 car garage which sold for \$31,000 to Evan Atkins, Airville, Pa.

Other prices were: Small rolltop desk \$400, Oak Kitchen Cabinet \$315, Anvil \$60, Frigidaire refrigerator \$315, Estate cook stove \$160, Brass Clothes Tree \$90, oak rocking chairs \$50 & \$55 and cane seated rocking chair \$70.

Robert L. Sechrist was the auctioneer.

xxx

A Public Auction of tools and equipment was held May 28 by Gladys Lebedin, 3 miles southwest of Elizabethtown, Dauphin Co., Pa.

The real estate was not sold. Other prices were as follows: Swab Wagons \$70 to \$160, Wagon seat \$32.50, flour chest \$85, cradle \$50, settee \$40, copper kettle \$45 and 1935 Ford 1 ton truck \$260. Auctioneer was George N. Deibert.

Public Sales Register

Mark Glick,
George E.
Smith, owner.

JUNE 24 - 12 Noon
Feeder Sale at
Lancaster Stockyards,
Penna.

PUBLIC SALE
OF
500 Head
Feeder Pigs
3 Way Cross
Saturday,
June 11, 1977

located 1 mile
of Goodville, East
1 Township,
Lancaster County, Pa.

No. 1 at 1:00 P.M. -
Feeder Pigs by
Sensenig
No. 2 at 2:00 P.M. -
Feeder Pigs by
J. Zeiset

Pigs wormed, louse
d and tails
d.

Terms by:
John J. Zeiset

2, East Earl, Pa.
and Alvin
ing, Auctioneers

SAT. JUNE 25-10:00 A.M.
Public Sale of Real Estate,
Antiques, Household Goods,
Car, Watch Repair, Tools
and Old Money of the
Marqueter C. Barley Estate
located at 710 South Royal
St., Haines Acres, about 1
block off Haines Road at
Seventh Ave. Sale by Theda
Jo Smith, Executrix; Robert
L. Sechrist, Auctioneer.

SAT. JUNE 25-9:30 A.M.
Public Auction of Antiques
and Household Goods for
Roy P. Haverstick, East
Petersburg, Pa. Sale by J.
Omar Landis Auction
Service, J. Omar Landis and
J. M. Witman Auctioneers.

SAT. JUNE 25, 10:00 A.M.
Public sale of antiques,
personal property and tools,
R.D. No. 1, Bainbridge, Pa.
George K. and Mary L.
Floyd, Owners. John Kilmer,
and George Stone, Jr.
Auctioneers.

SAT. JUNE 25 - 12:00 Noon
Sharp Consignment Horse
Sale at the Keister's Mid-
dleburg Auction Sales, Inc.,
Route 522, 3 miles East of
Middleburg, 5 miles West of
Selinsgrove, Pa. Don and
Walt Keister, Owners; Art
Kling and Larry Long,
Auctioneers.

SAT. JUNE 25 - 2:30 P.M.
Absolute Auction 95 Ac.
"Pine Hill" Stock Farm,
both sides, Eimeport Pk.
Village of Hosensack, Lower
Milford Twp. Lehigh County,
Pa. 10 min. to Quakertown
Intchg-Pa. Trnpl, 20 min.
to Allentown, 10 min. to
Pennsburg, 2½ mi. to
Zionsville and Emmaus.
Louis Trainman Auction Co.
of Pa., Brokers -
Auctioneers.

JULY

SAT. JULY 1, 12 Sharp at the
Harold Shenk Farm, 61
registered Holsteins.
Located northeast of
Manheim along Meadow
Road. Sale managed by
Gordon Fritz and son of
Smoketown Quality Dairy
Sales. Henry Kettering,
Pedigrees. Carl Diller,
Auctioneer. Detailed ad
later.

MON. JULY 4-9 AM Antique
Sale at the Farmersville
Auction located at
Farmersville, 3 miles East
of Brownstown, Lancaster
Co. Sale by John J. Rutt.

WED. JULY 6 - 9:30 A.M.
Consignment Sale at David
H. Good's located ½ mile
North of Route 23 on North
Maple Ave. in Leola,
Lancaster Co., Pa. F.
Snyder, R. Martin, C.
Wolgemuth, J. Fry, and L.
Horst, Auctioneers.

SALE EVERY TUESDAY

Graded Sale
1st. Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

**FAUQUIER
LIVESTOCK
EXCHANGE**

Marshall, Va.
703-364-1566

SAT. JULY 9, 10:00 A.M.
Public sale of 31½ acre
farm, also 25½ acres partly
wooded ground, also 11½
acres woodland, also farm
equipment and household
goods. Located 3½ miles
north of Morgantown. Terms
by Estate of John Huyett,
Albert A. Stallone, Attorney,
Elton and Alvin Horning,
Auctioneers.

WED. JULY 20- 9:30
A.M. Consignment Sale at
David H. Good's located ½
mile North of Route 23 on
North Maple Ave. in Leola,
Lancaster Co., Pa. F.
Snyder, R. Martin, C.
Wolgemuth, J. Fry and L.
Horst, Auctioneers.

FRI. JULY 29, 1:00 PM. 58
registered and grade
Holstein heifers near Tur-
botville, Northumberland
County. Lewis D. Brown,
owner. Carl Diller, Auc-
tioneer.

AUGUST

SAT. AUG. 20-10 A.M.
Antique Sale for F. L. Ream,
Ephrata, Penna. Sale
conducted by J. Omar
Landis Auction Service, J.
Omar Landis and J. M.
Witman, Auctioneers.

SAT. AUG. 20-2 P.M. Public
Auction of 106 acre farm for
Roger Thome near Milton
Grove, Pa. Sale conducted
by J. Omar Landis and Jay
M. Witman, Auctioneers.

SAT. AUG. 27-10 A.M. Public
Auction of Real Estate (2
acre Farmette) Antiques
and Household for Milton
Hershey, Penryn, Pa. Sale
conducted by J. Omar
Landis Auction Service, J.
Omar Landis and Jay M.
Witman, Auctioneers.

SEPTEMBER

SAT. SEPT. 10-10 A.M. Coin
Sale for F. L. Ream,
Ephrata, Pa. Sale conducted
by J. Omar Landis Auction
Service, J. Omar Landis and
Jay M. Witman,
Auctioneers.

SAT. SEPT. 17-10 A.M.
Brethren Disaster Relief
Auction to be held at the
Lebanon County Fair
Grounds, south of Lebanon.
Sale conducted by J. Omar
Landis Auction Service, J.
Omar Landis and Jay M.
Witman, Auctioneer.

OCTOBER

SAT. OCT. 1-10 A.M. Public
Auction of 22½ acre Farm,
some farm machinery and
antiques for the David Todd
Estate midway between
Manheim and Penryn along
the White Oak Road. Sale
conducted by J. Omar

Landis Auction Service, J.
Omar Landis and Jay M.
Witman, Auctioneer.

SAT. OCT. 1. 125 acre dairy
farm for the Allen Funk
Estate located along Route
322 East on Fontana,
Lebanon County, Pa. Harry
Bachman, Auctioneer.



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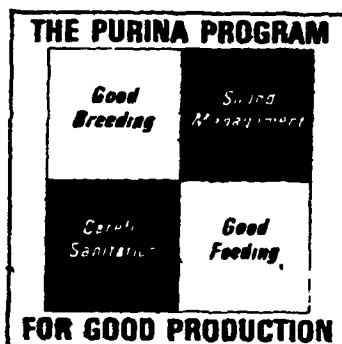
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